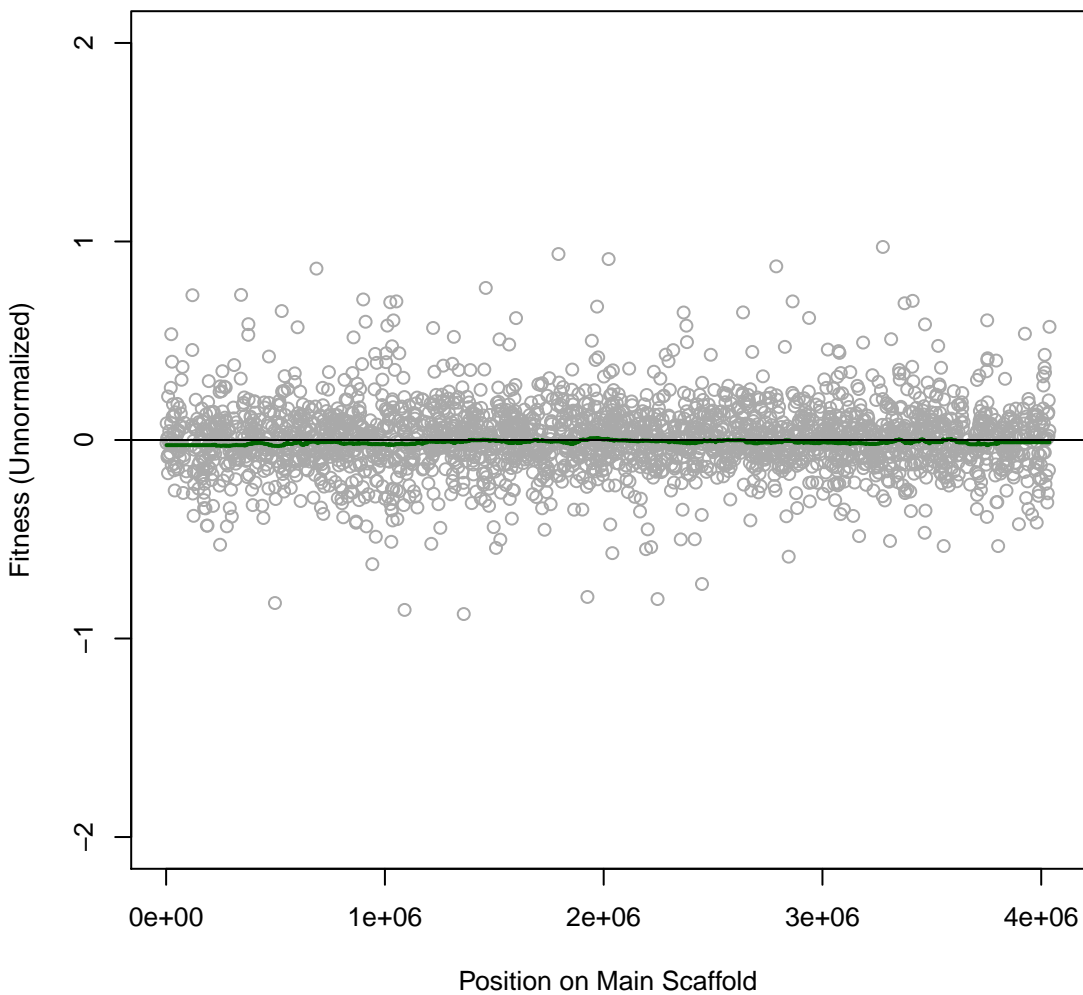
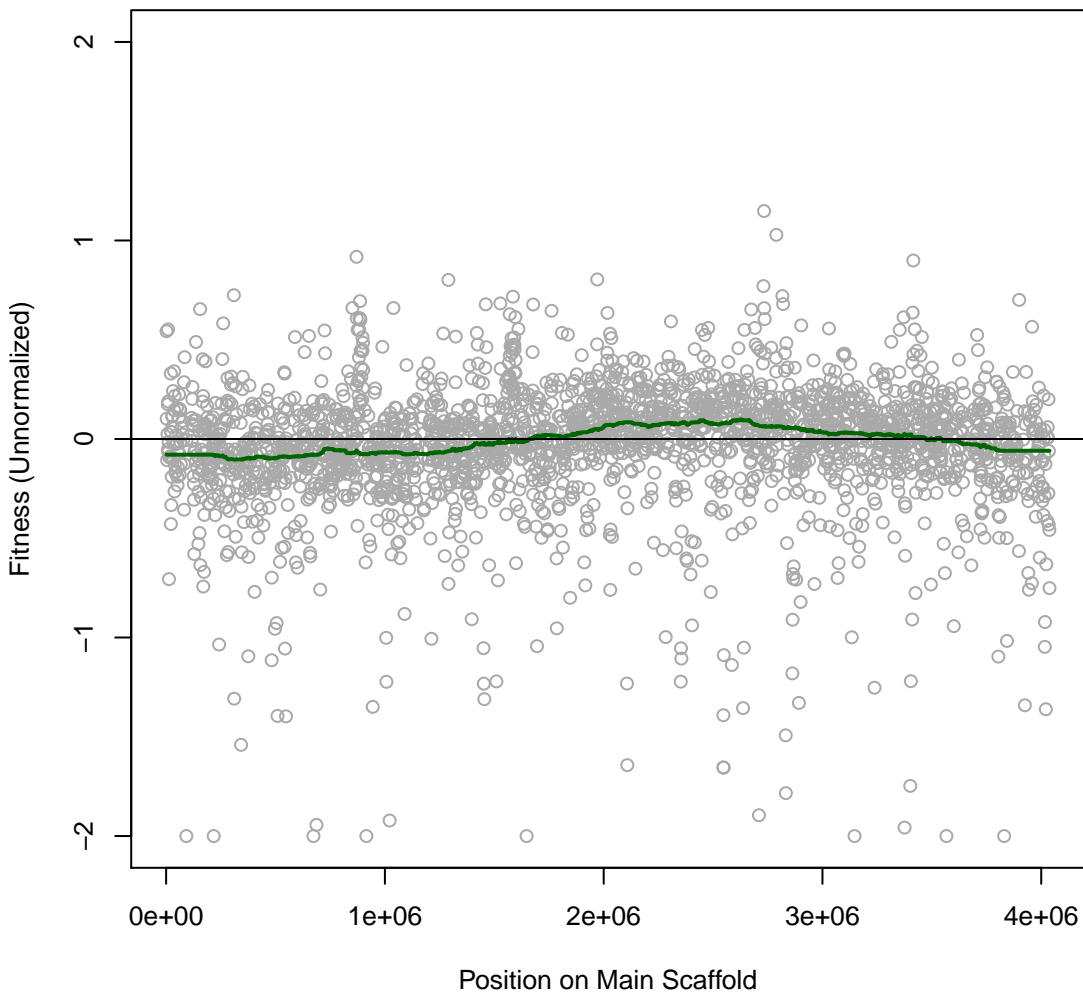


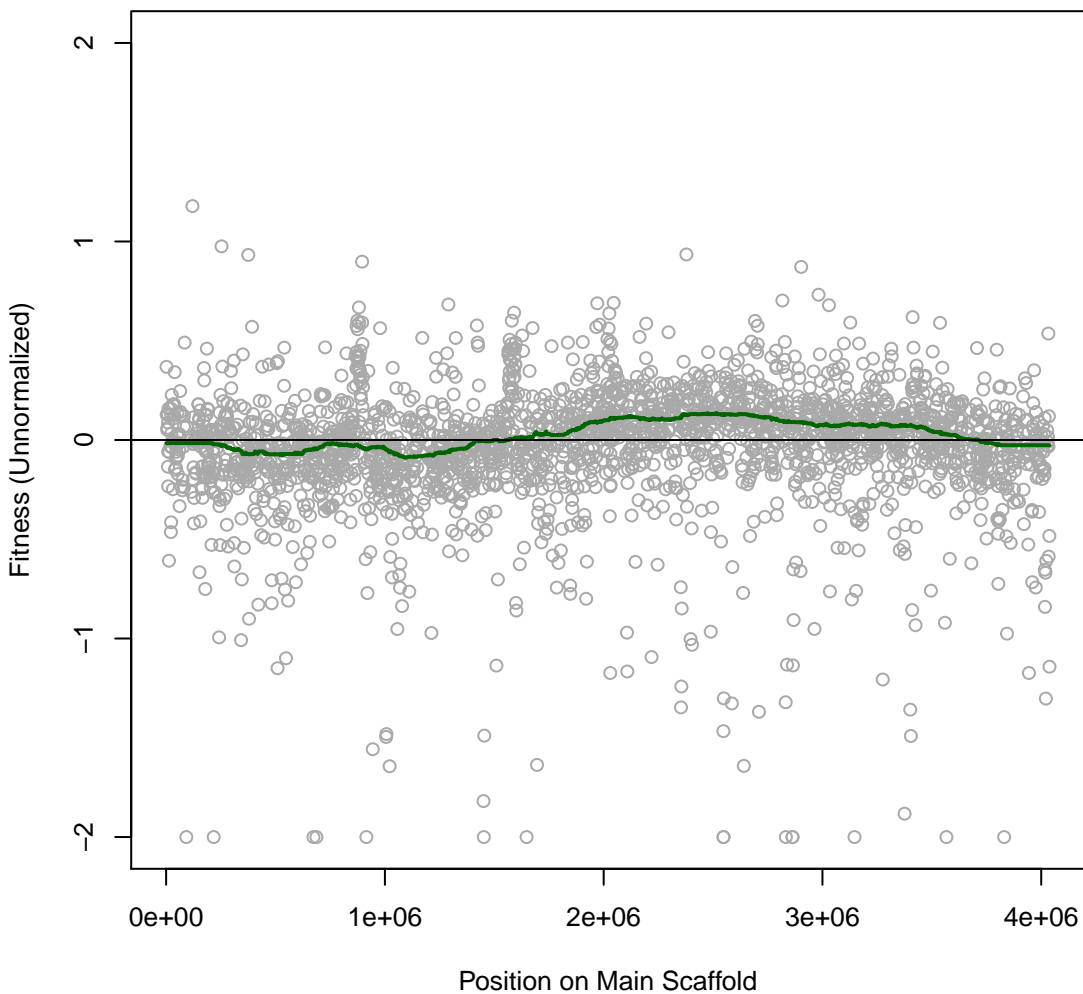
**Miya 1H13 #1 (gMed=557 rho12=0.019)**  
**Time0**



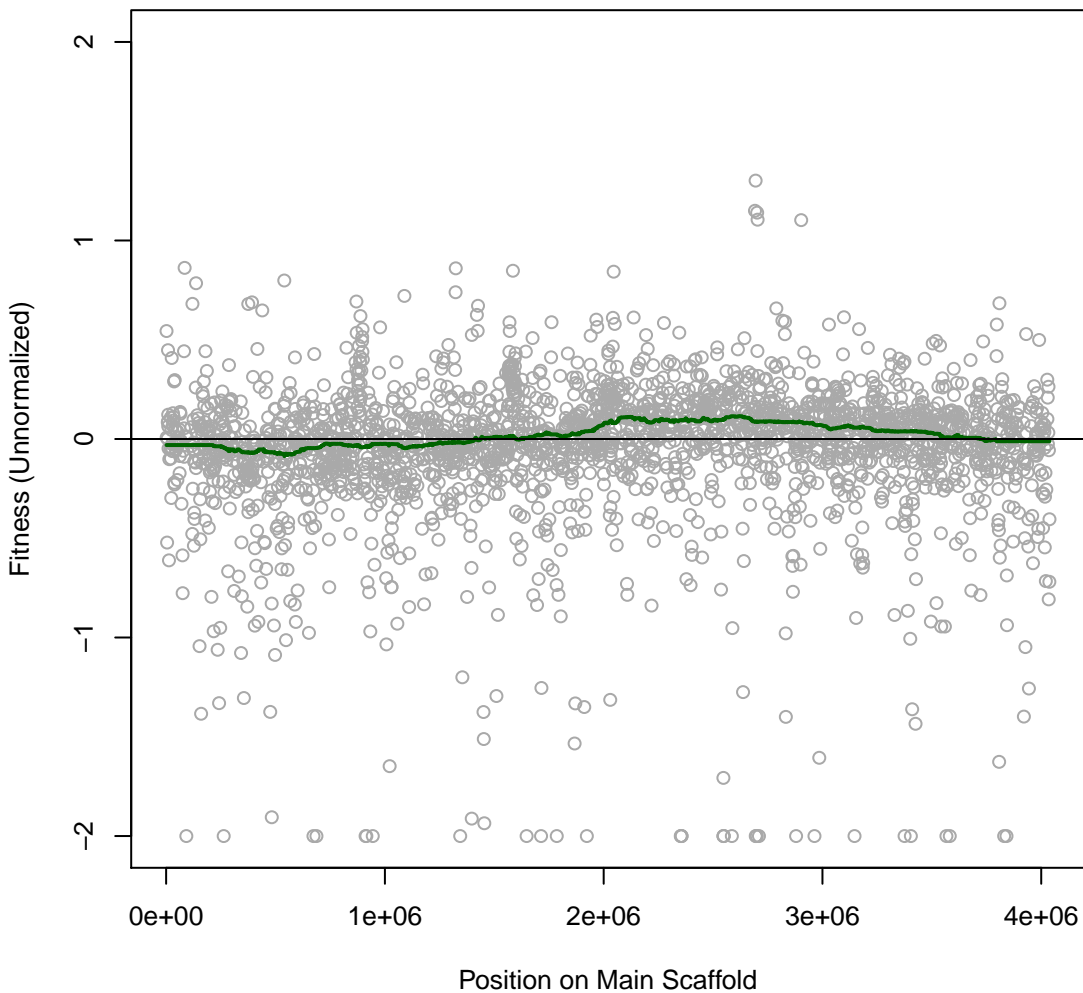
**Miya 1H14 #2 (gMed=348 rho12=0.226)**  
**rich MoYLS4**



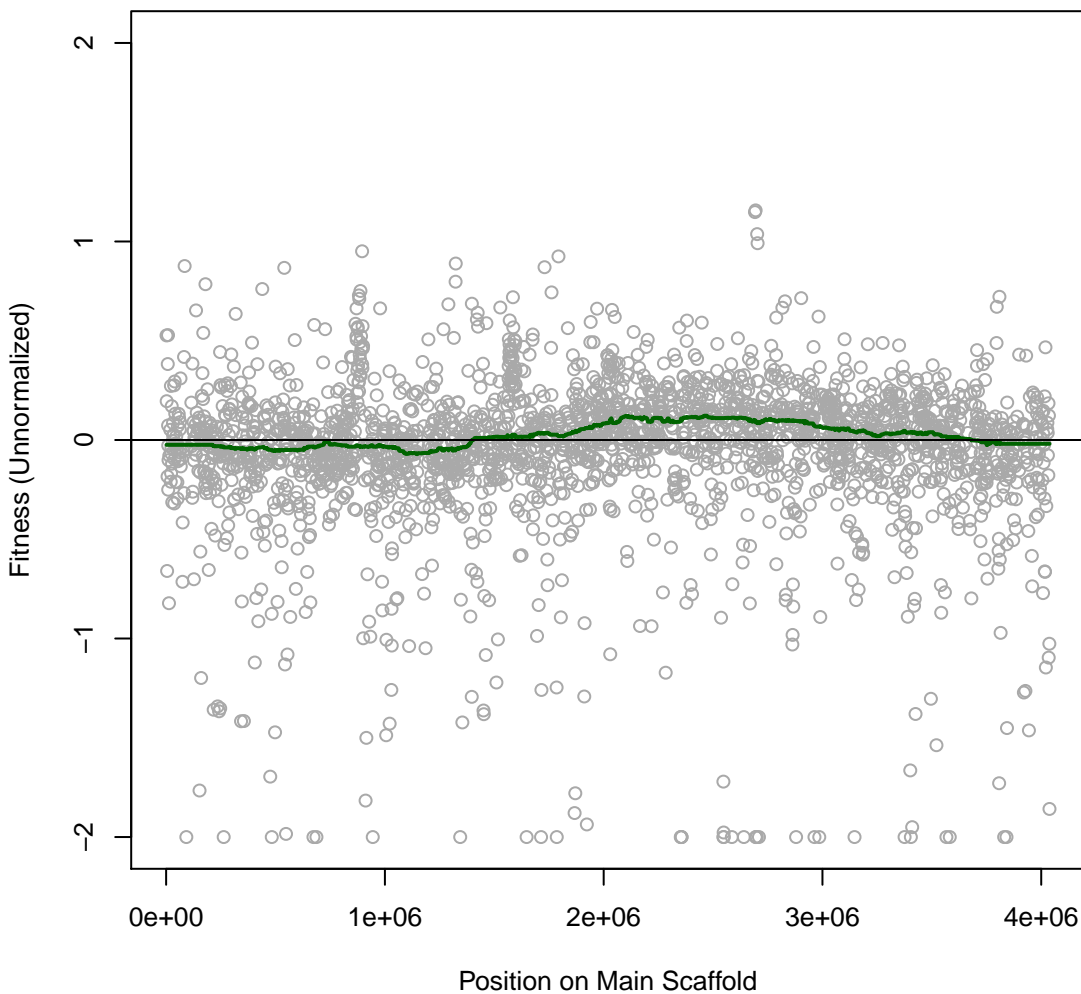
**Miya 1H15 #3 (gMed=496 rho12=0.297)**  
**rich MoYLS4**



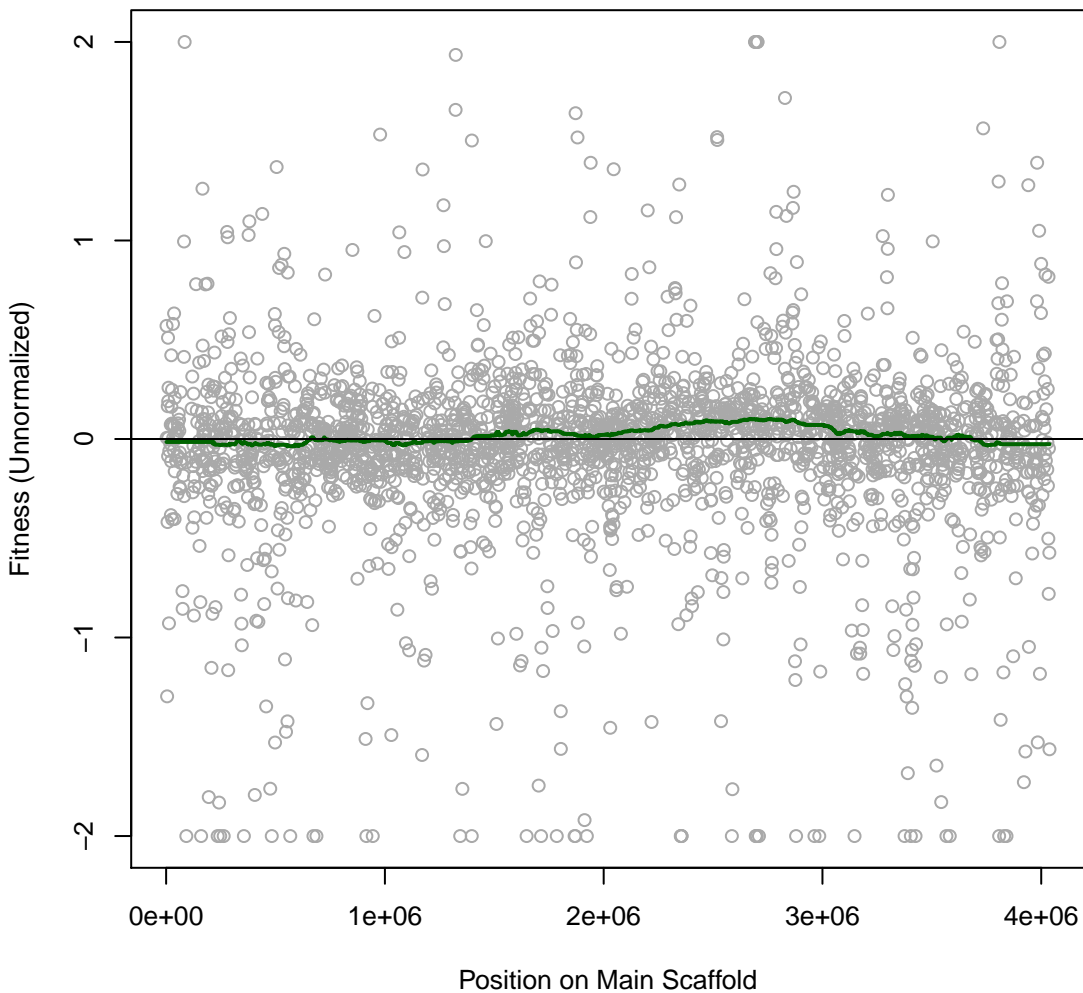
**Miya 1H16 #4 (gMed=557 rho12=0.361)**  
**MoYLS4 with Carbenicillin 0.0468 mg/ml**



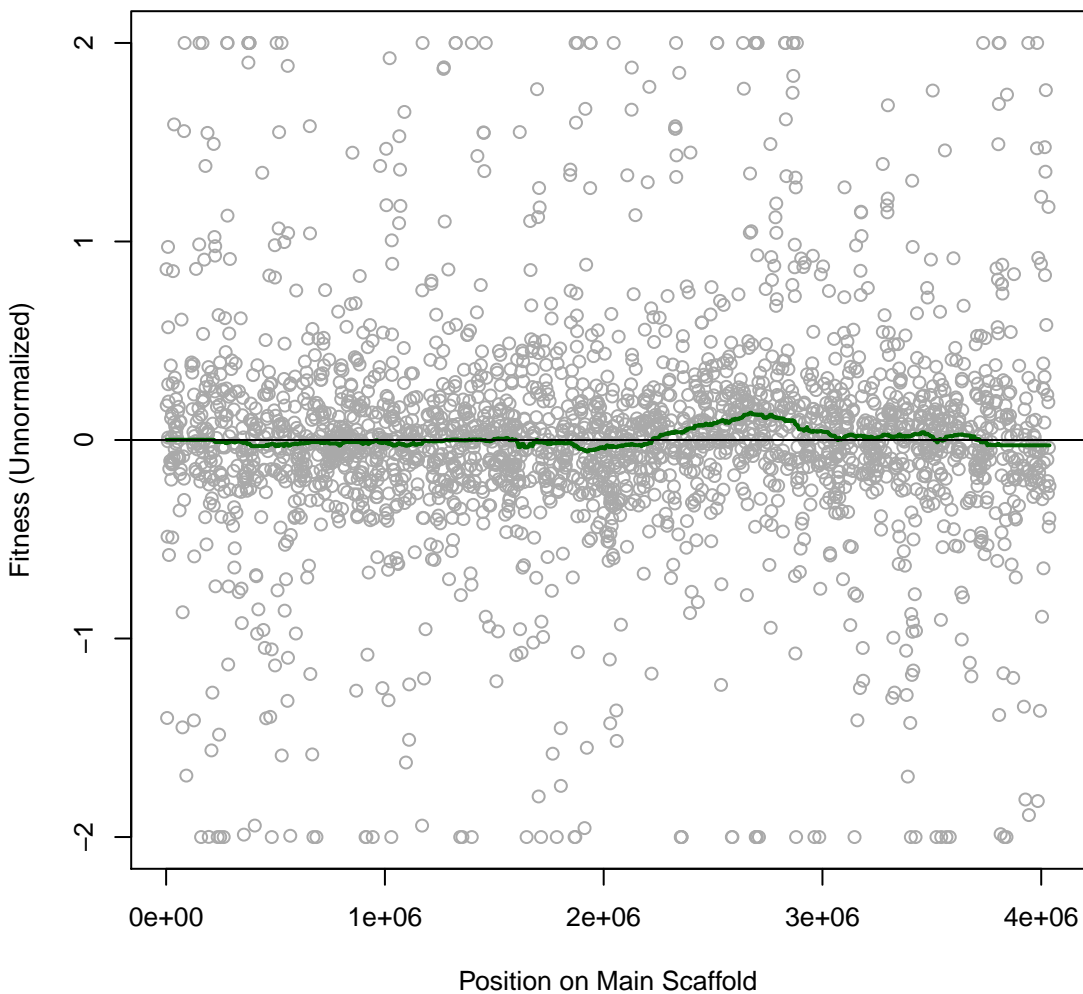
**Miya 1H17 #5 (gMed=498 rho12=0.378)**  
**MoYLS4 with Carbenicillin 0.0468 mg/ml**



**Miya 1H18 #6 (gMed=543 rho12=0.467)**  
**MoYLS4 with Carbenicillin 0.0625 mg/ml**

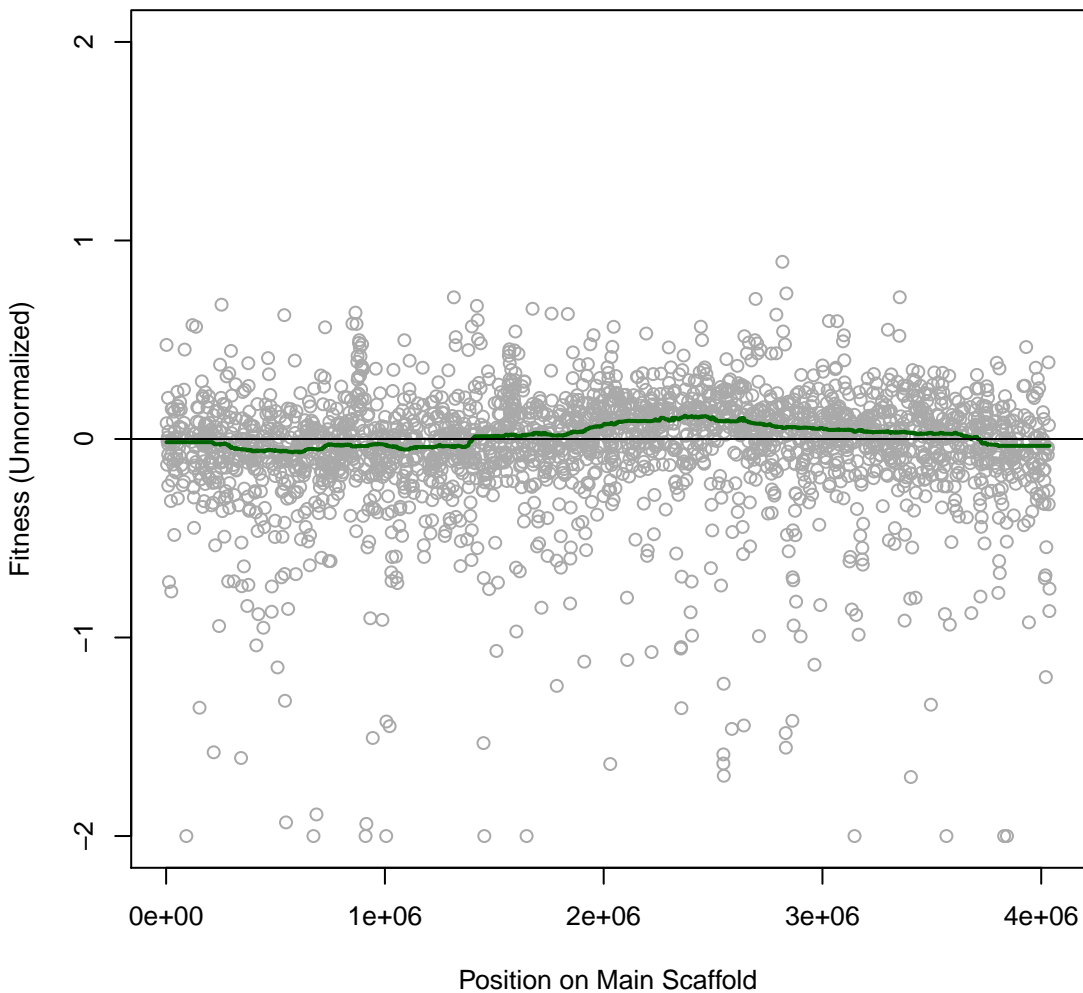


**Miya 1H19 #7 (gMed=391 rho12=0.439)**  
**MoYLS4 with Carbenicillin 0.0625 mg/ml**



**Miya 1H20 #8 (gMed=521 rho12=0.322)**

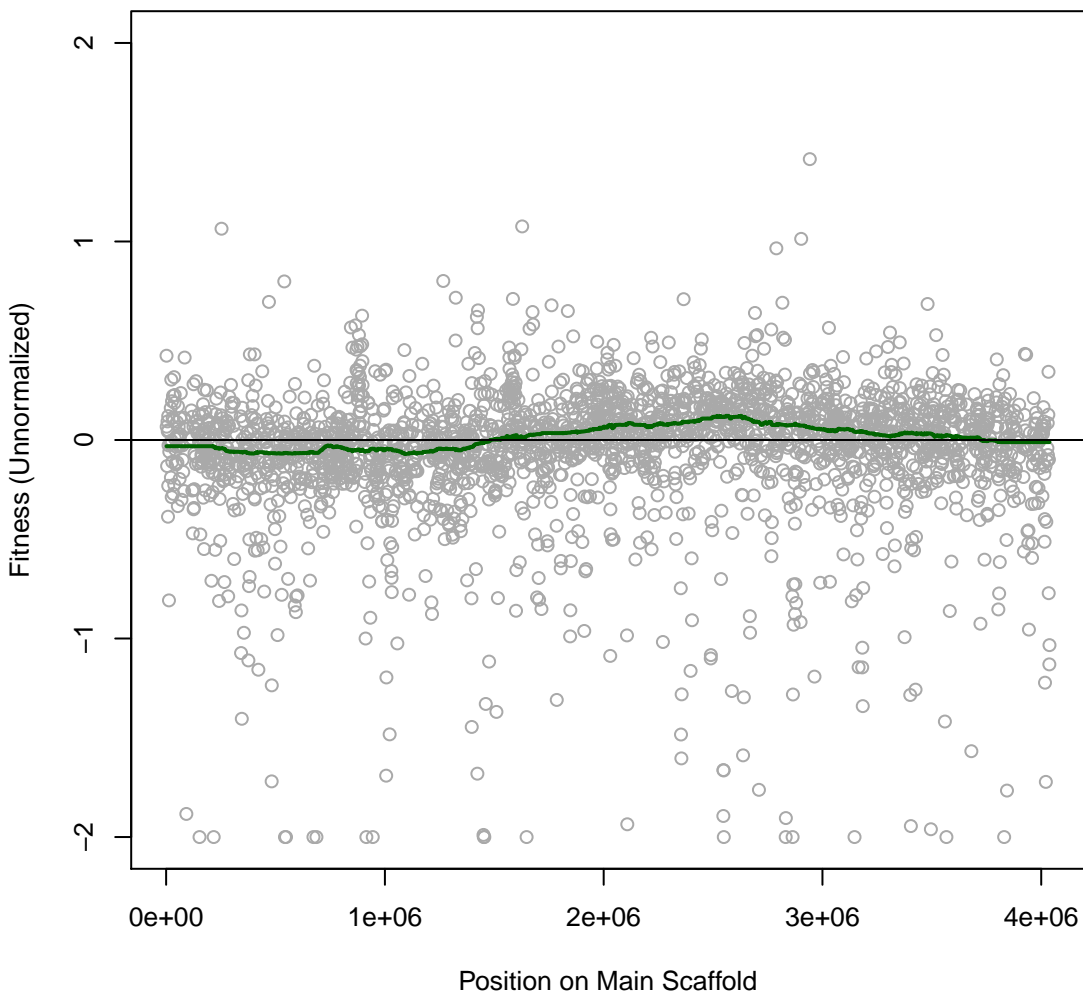
**MoYLS4 with G418 0.031 mg/ml**



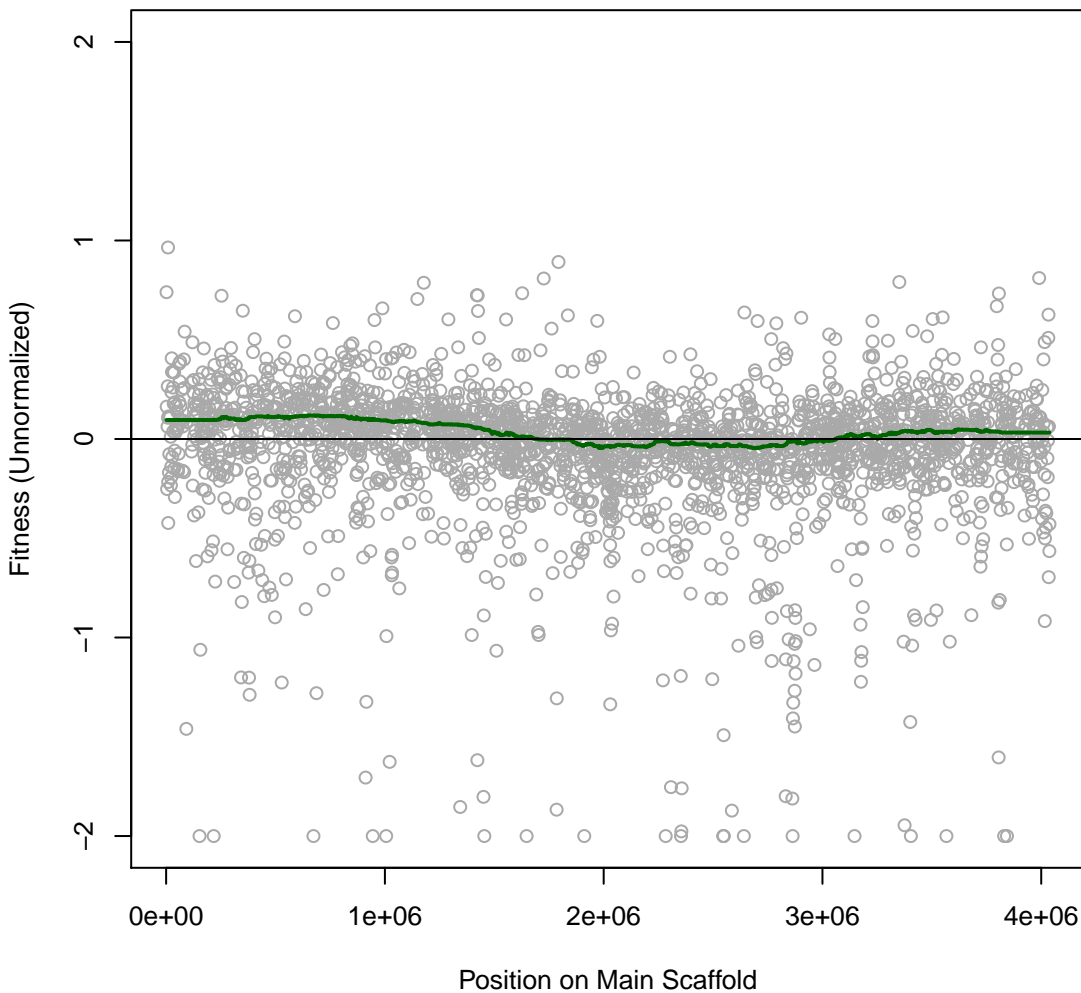


**Miya 1H21 #9 (gMed=500 rho12=0.304)**

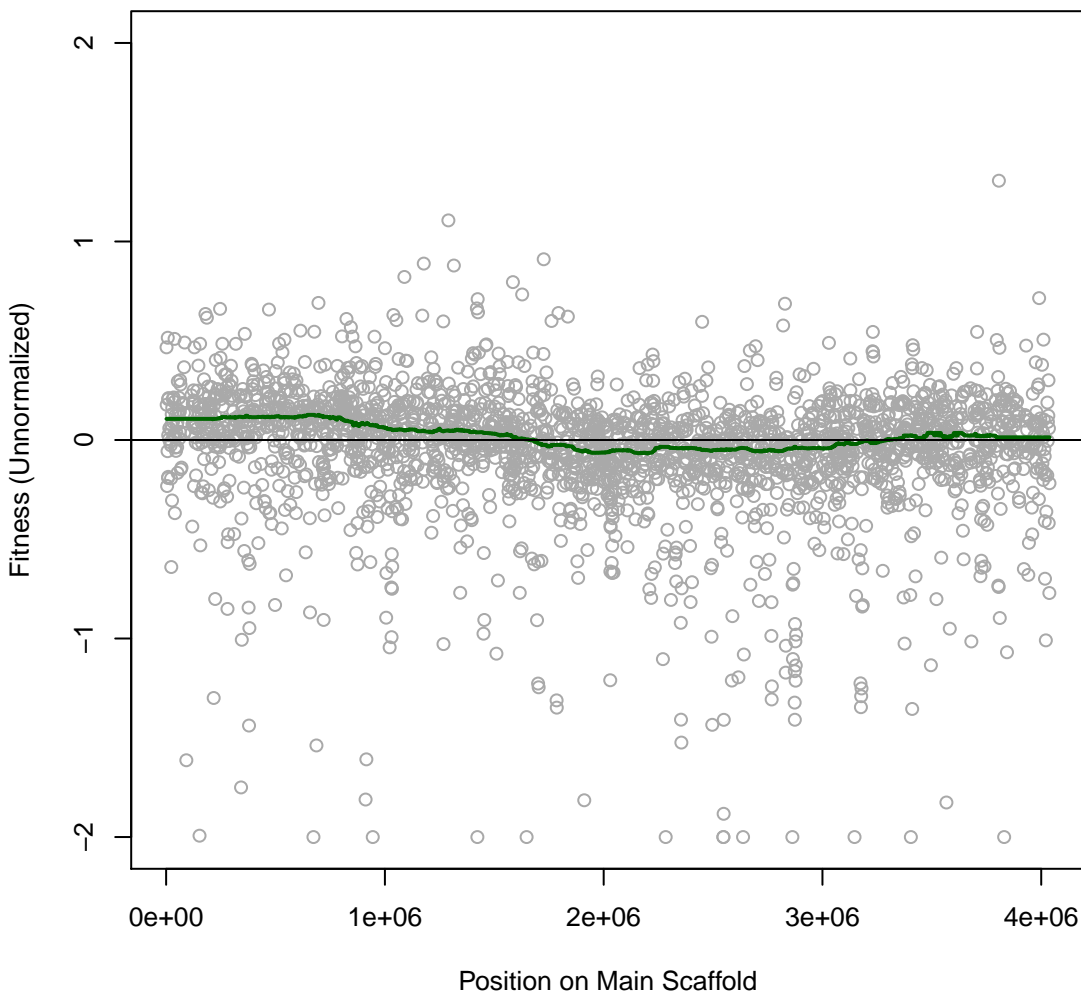
**MoYLS4 with G418 0.031 mg/ml**



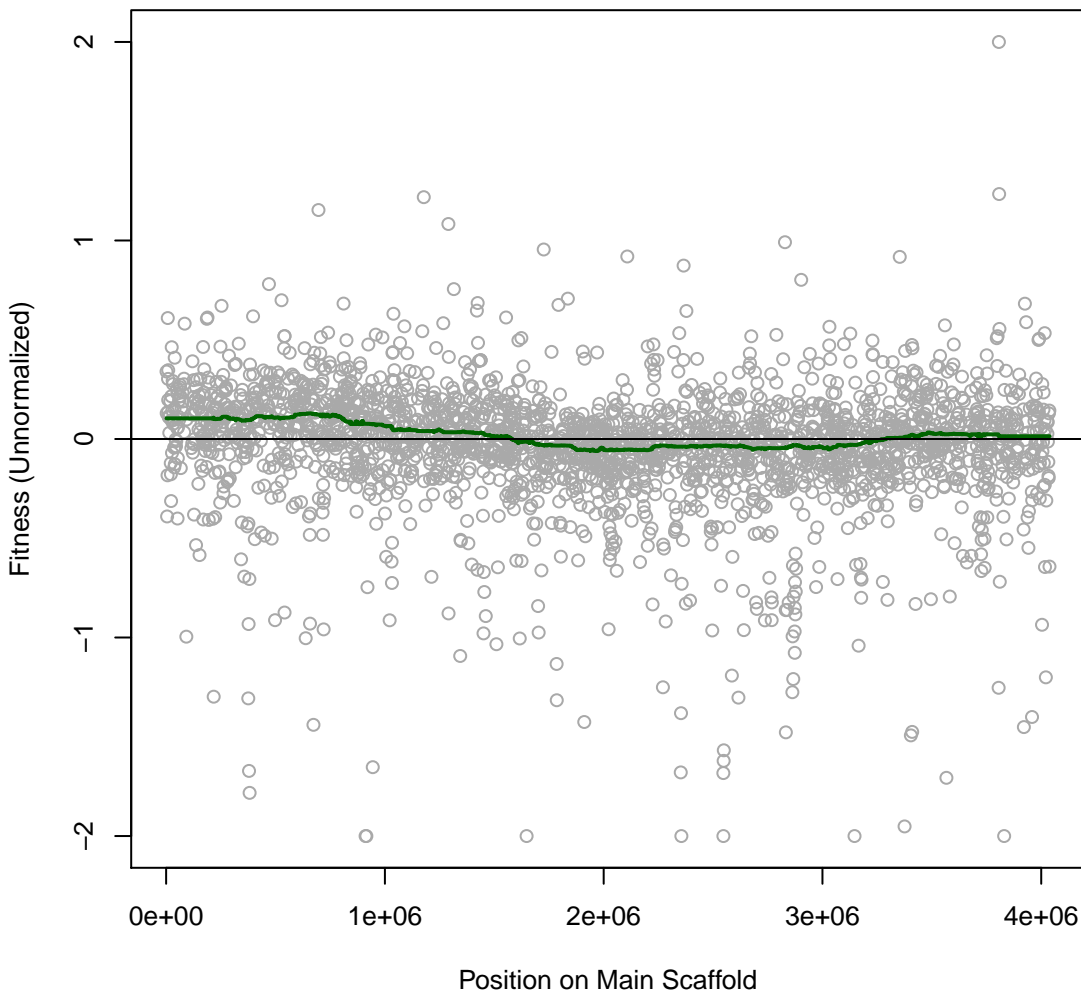
**Miya 1H22 #10 (gMed=557 rho12=0.336)**  
**MoYLS4 with Spectinomycin 0.0125 mg/ml**



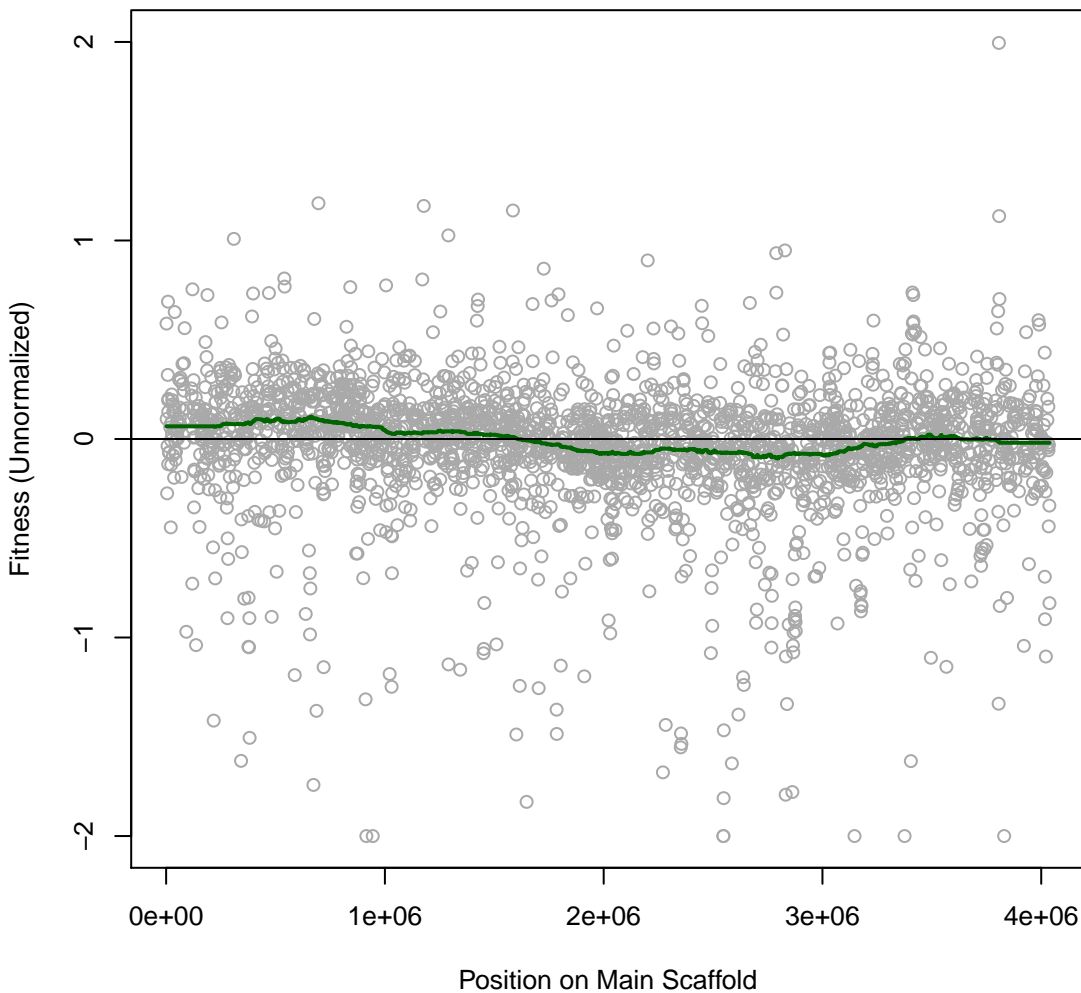
**Miya 1H23 #11 (gMed=477 rho12=0.322)**  
**MoYLS4 with Spectinomycin 0.0125 mg/ml**



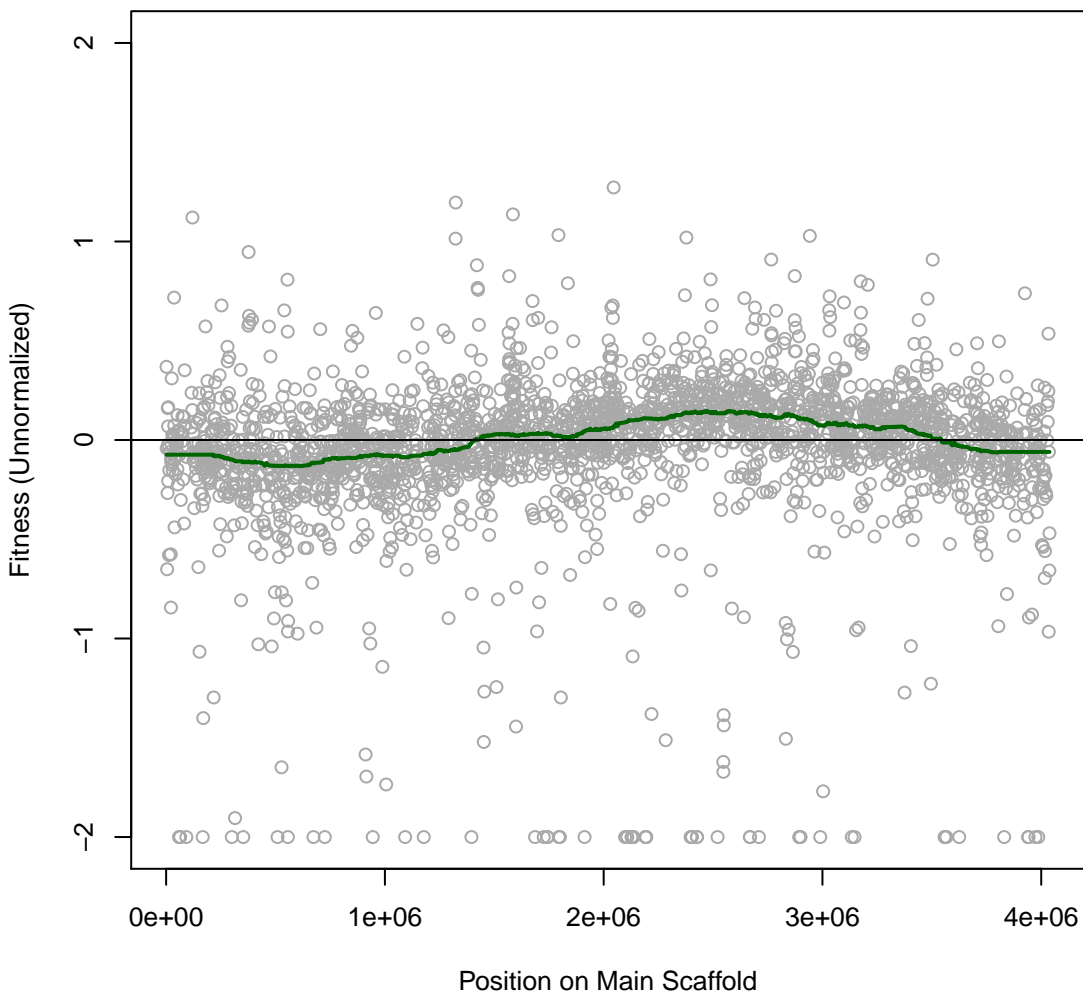
**Miya 1H24 #12 (gMed=444  $\rho_{12}=0.332$ )**  
**MoYLS4 with Spectinomycin 0.025 mg/ml**



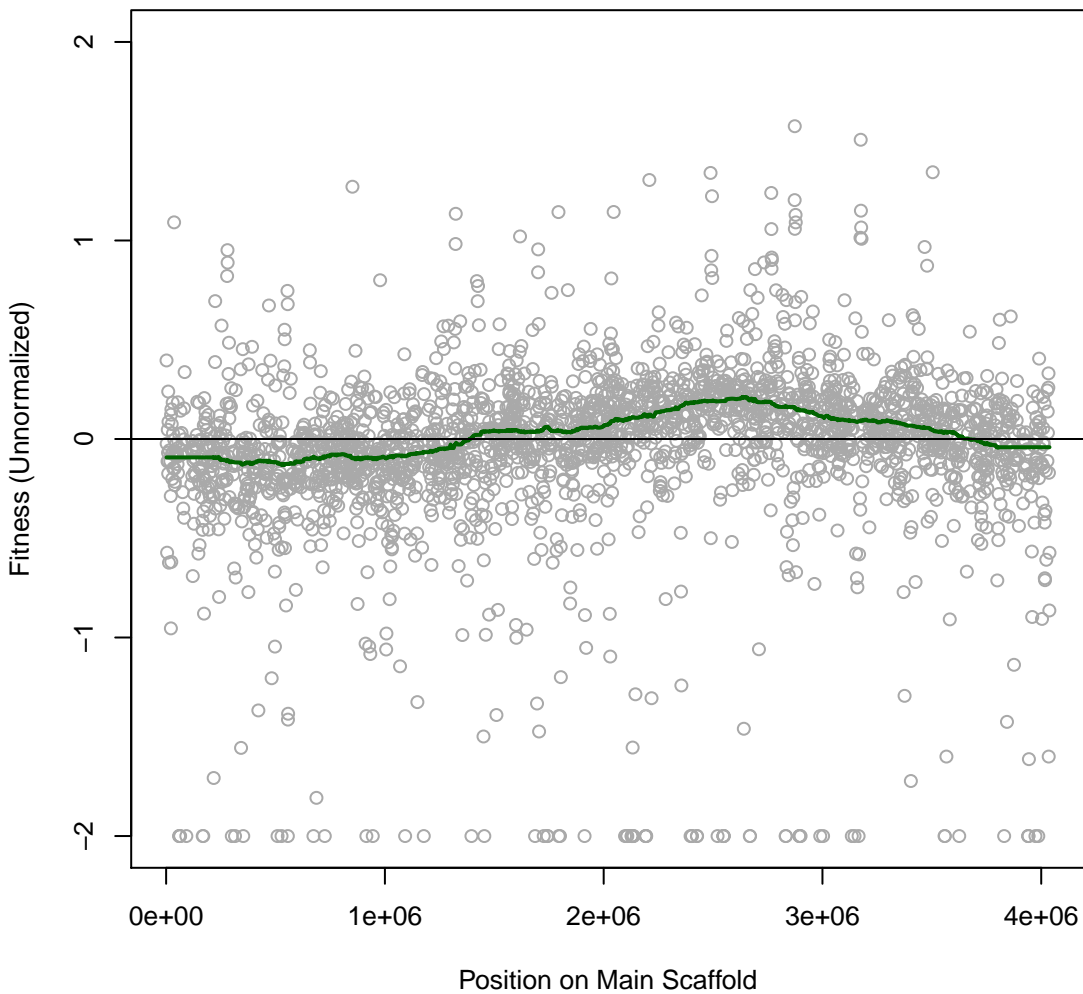
**Miya 1H48 #13 (gMed=537 rho12=0.315)**  
**MoYLS4 with Spectinomycin 0.025 mg/ml**



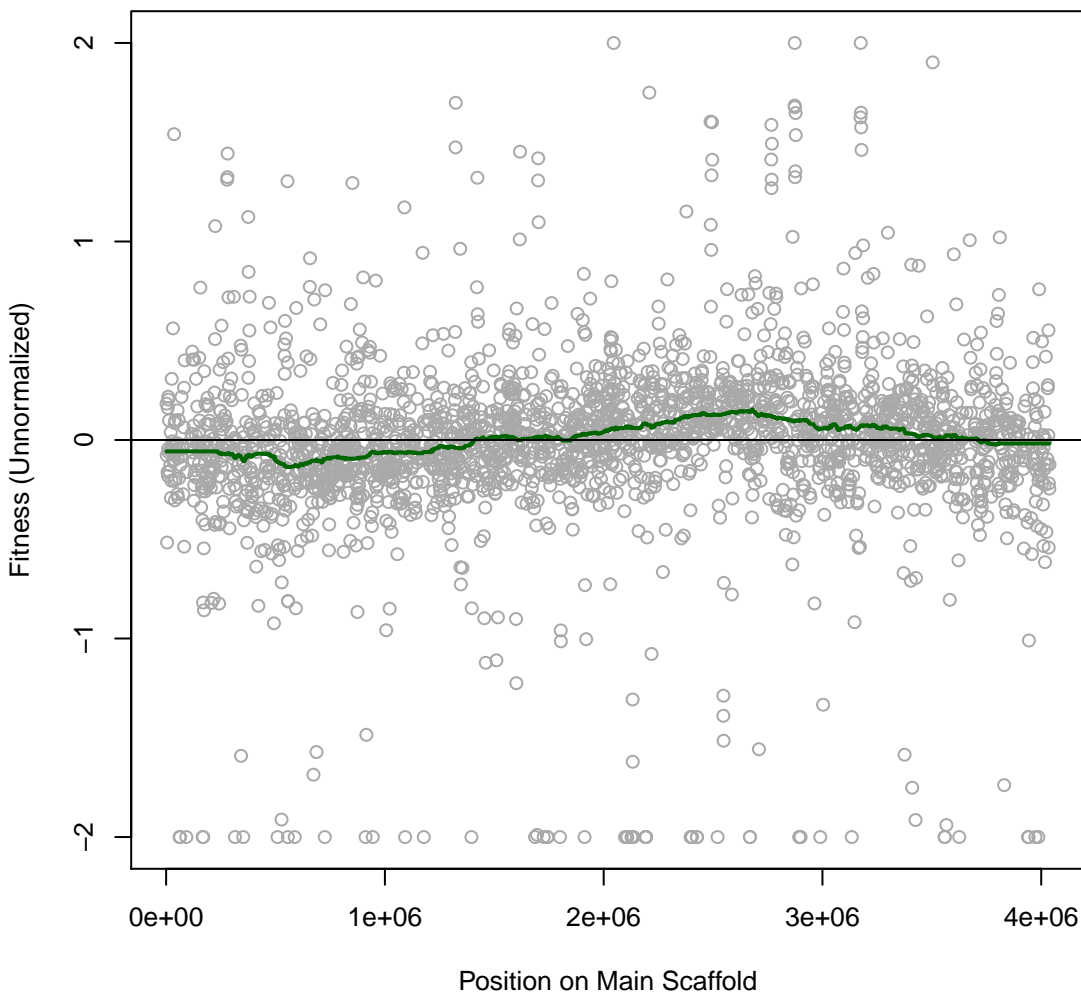
**Miya 1H25 #14 (gMed=544 rho12=0.353)**  
**Defined MoLS4**



**Miya 1H26 #15 (gMed=458 rho12=0.336)**  
**Defined MoLS4**

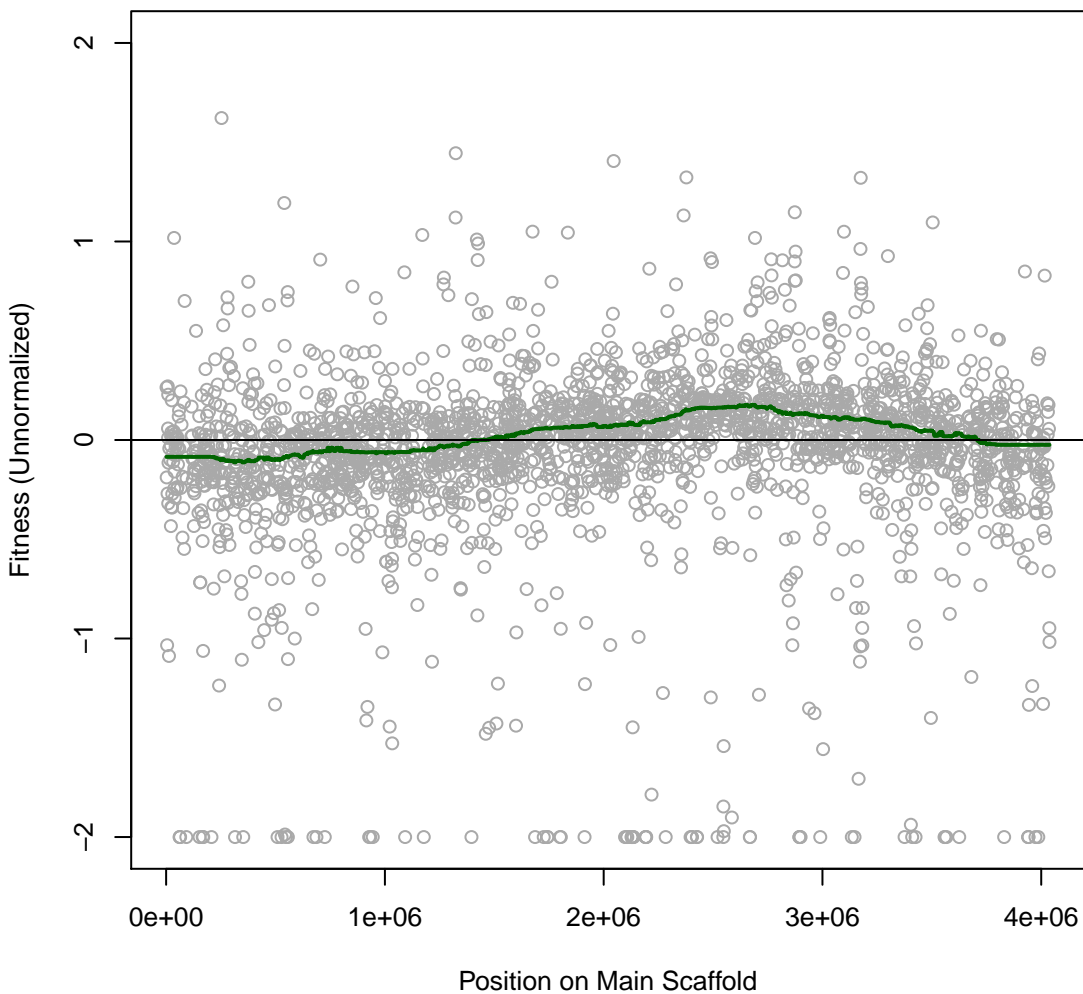


**Miya 1H27 #16 (gMed=431 rho12=0.347)**  
**methionine 1 mM**



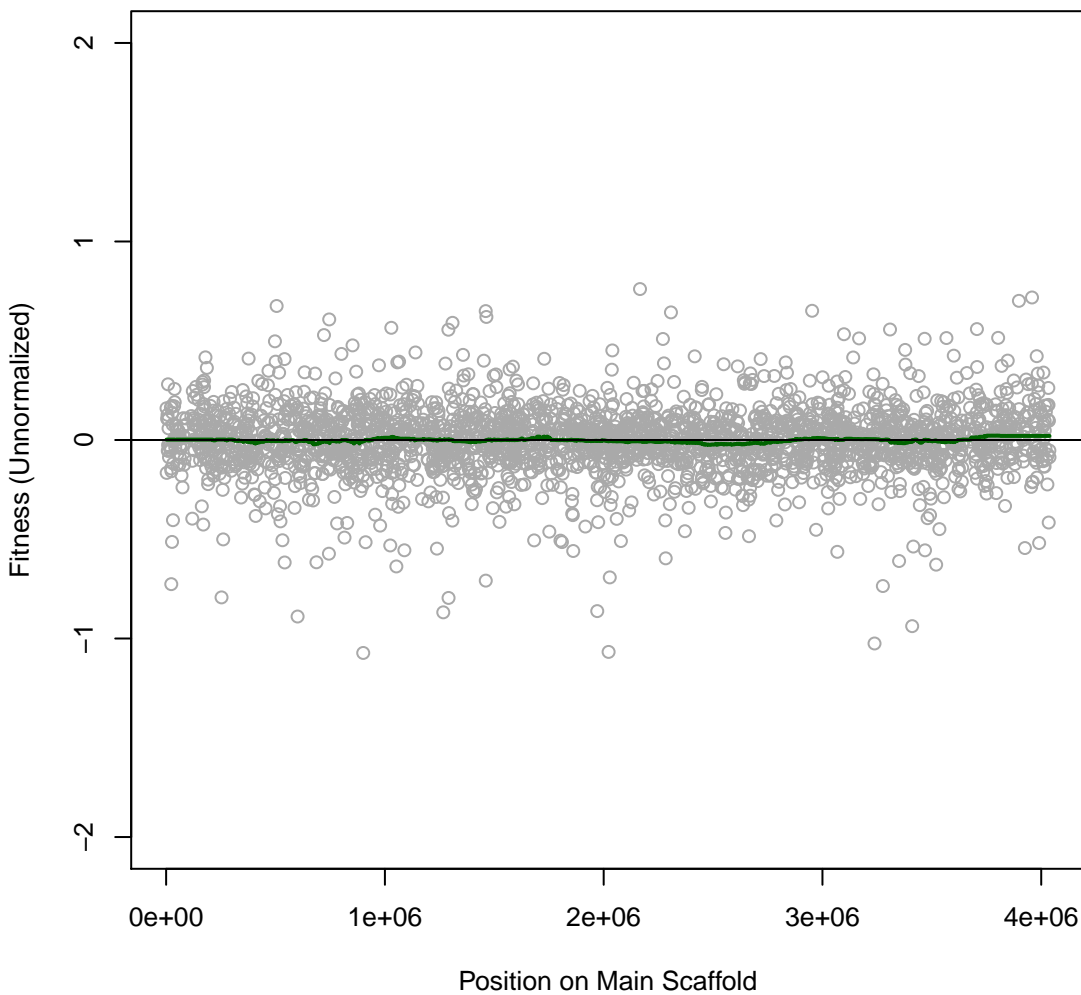


**Miya 1H28 #17 (gMed=445 rho12=0.363)**  
**methionine 1 mM**



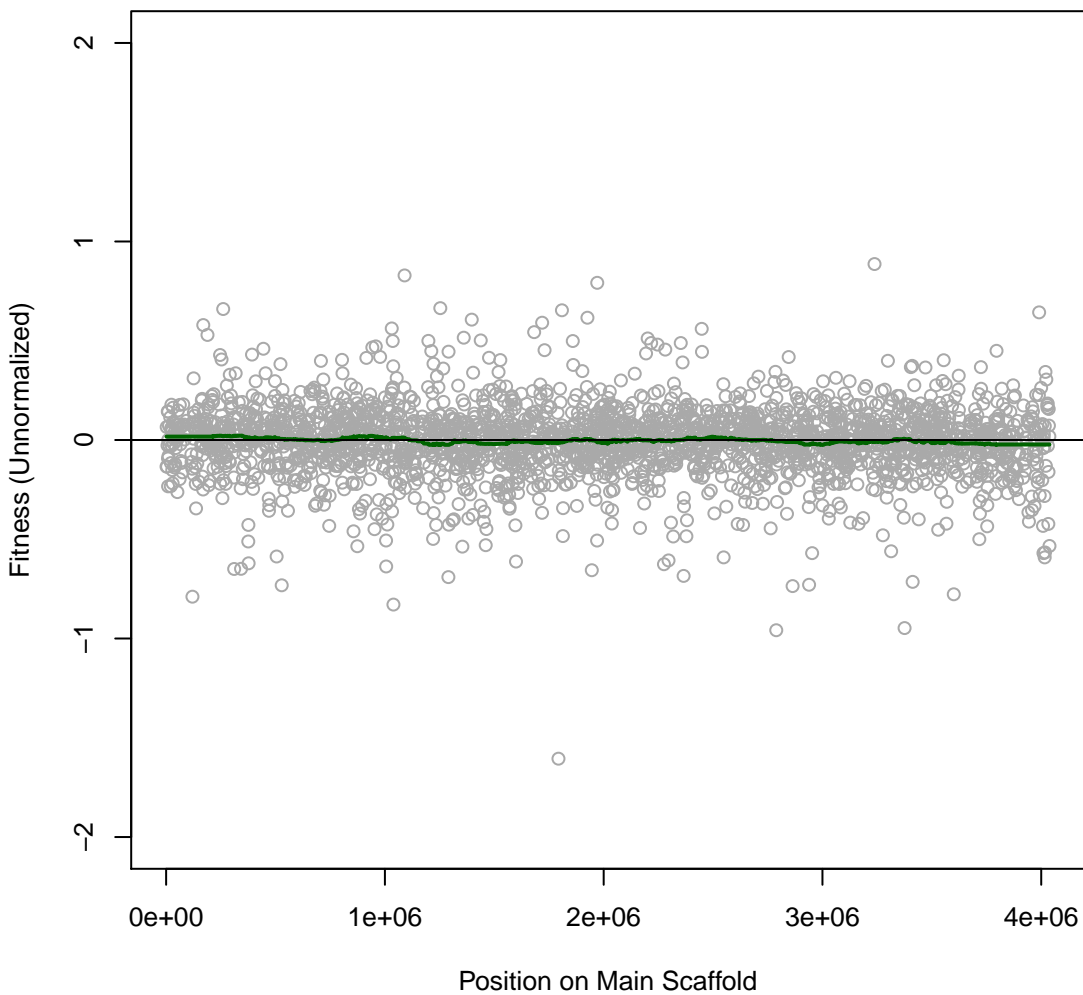
**Miya 1H29 #18 (gMed=454 rho12=-0.016)**

**Time0**



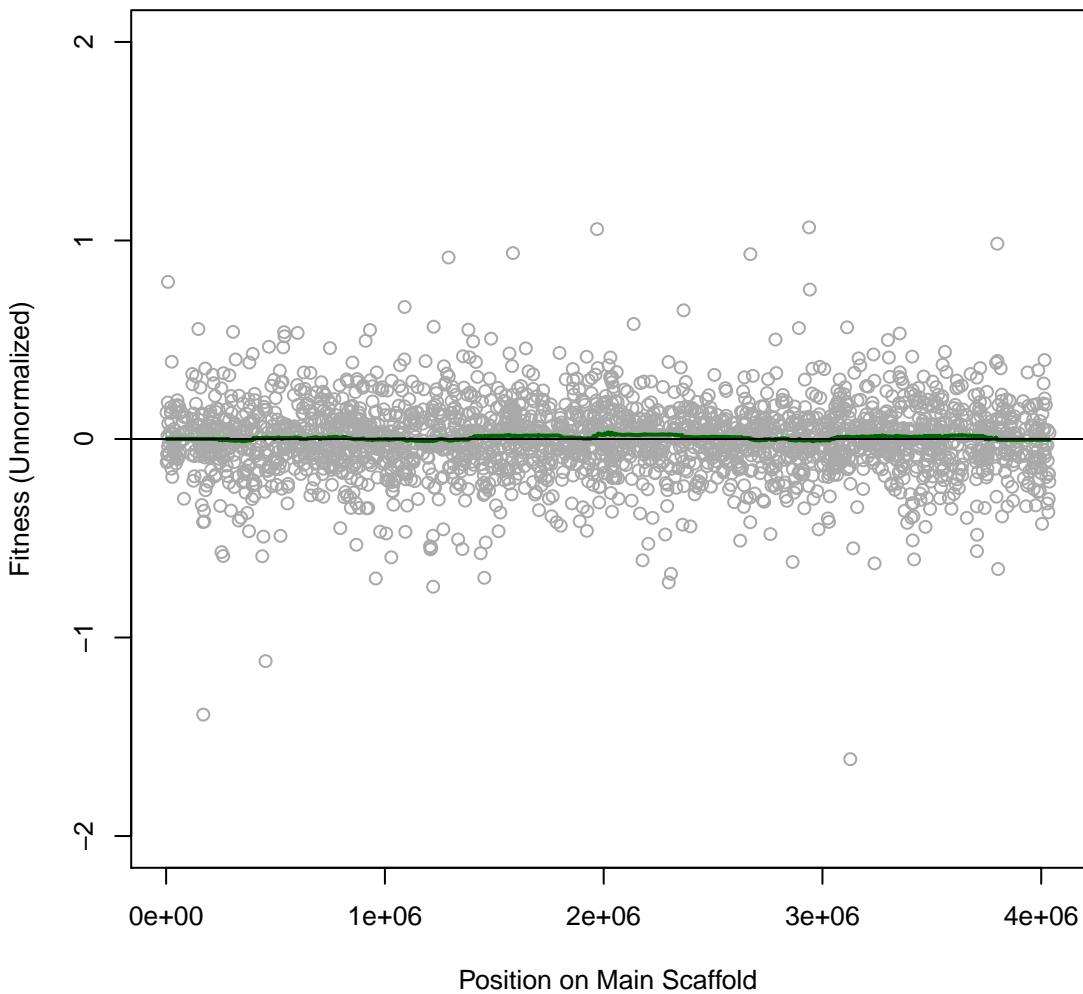
**Miya 1H45 #19 (gMed=480 rho12=0.016)**

**Time0**

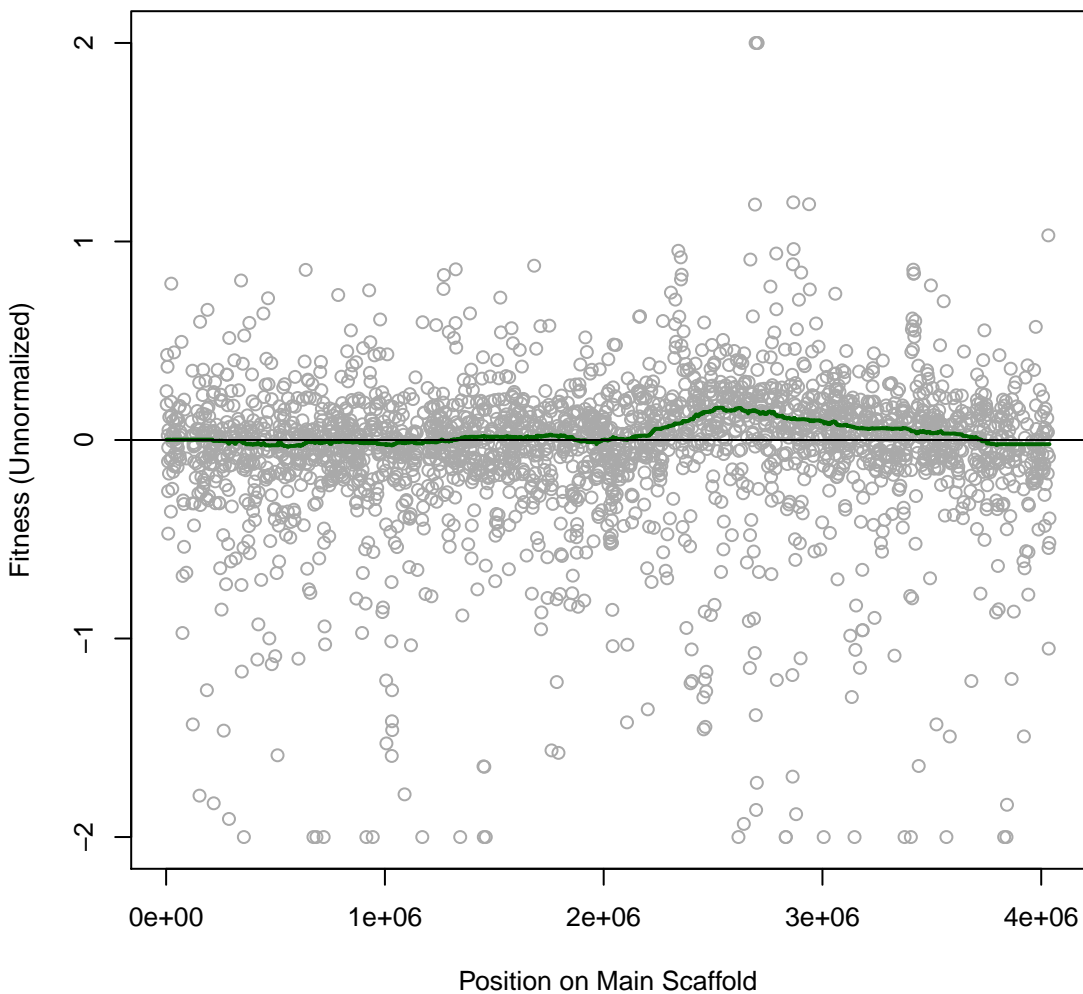


**Miya 1H30 #20 (gMed=405 rho12=-0.005)**

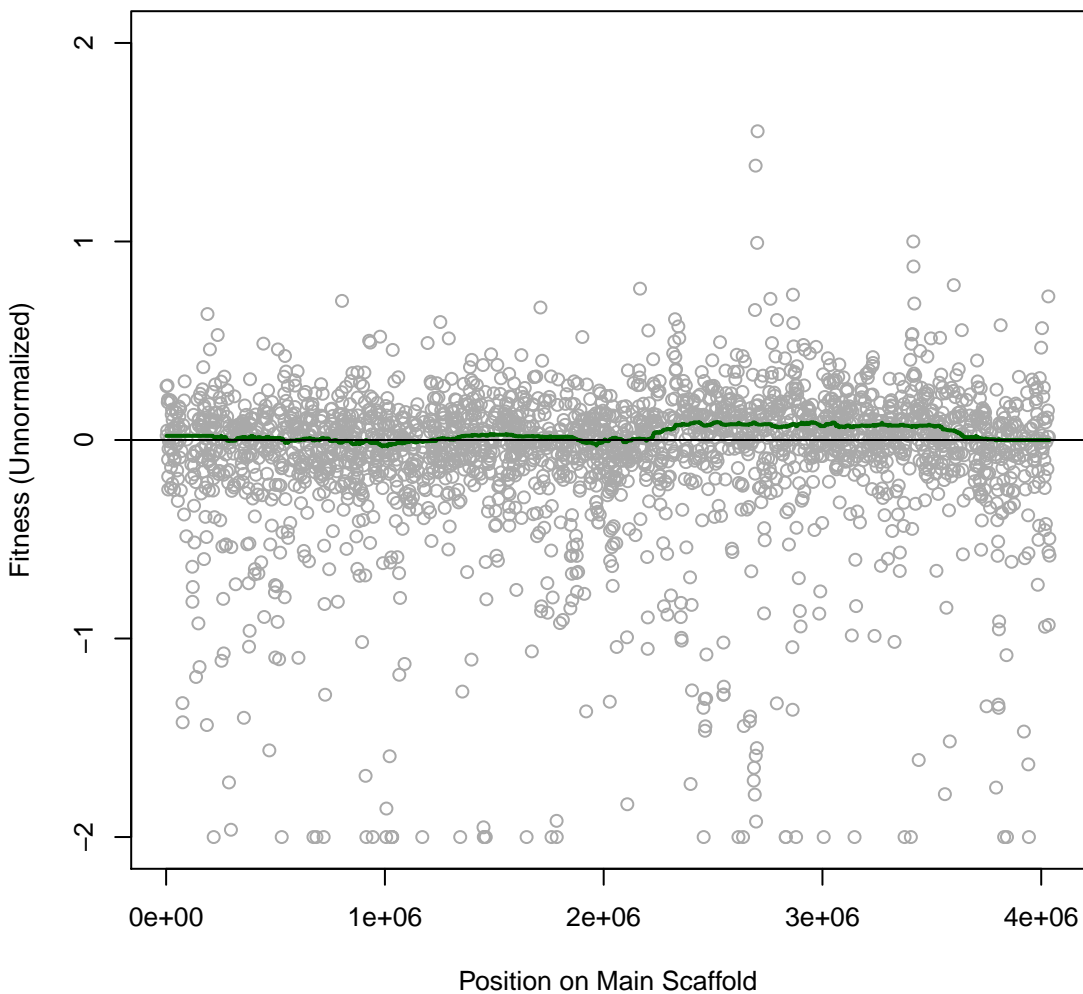
**Time0**



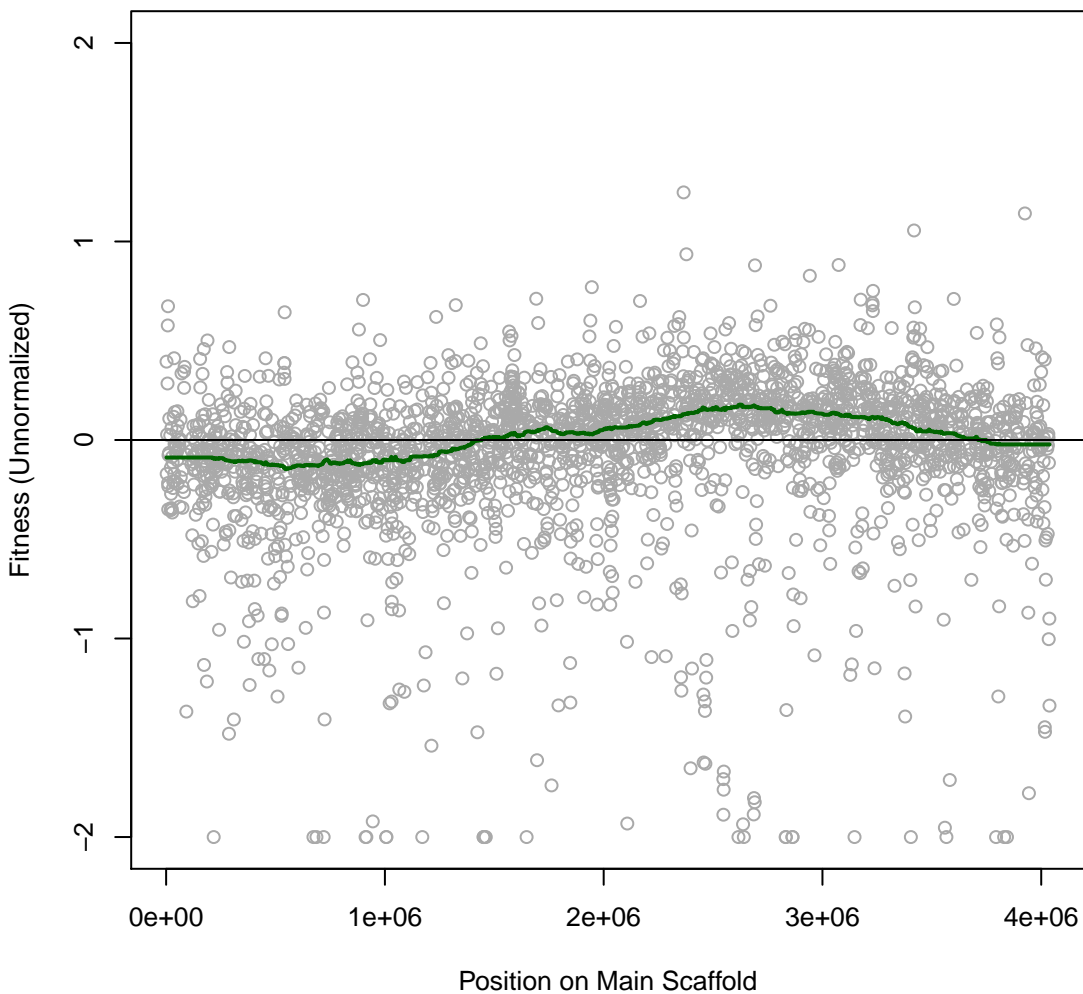
**Miya 1H31 #21 (gMed=551  $\rho_{12}=0.356$ )**  
**MoYLS4 with Chloramphenicol 0.003125 mg/ml**



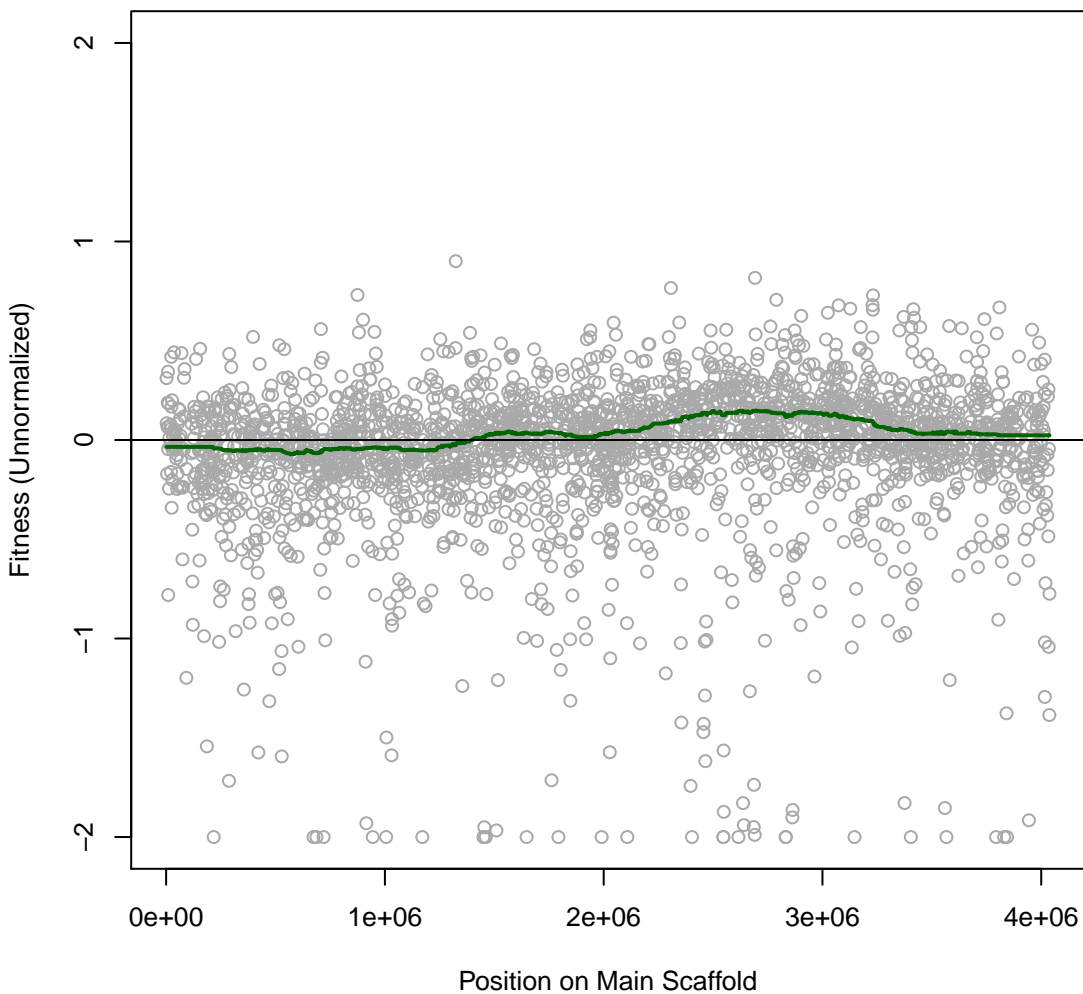
**Miya 1H32 #22 (gMed=501  $\rho_{12}=0.354$ )**  
**MoYLS4 with Chloramphenicol 0.003125 mg/ml**



**Miya 1H33 #23 (gMed=459 rho12=0.315)**  
**MoYLS4 with G418 0.125 mg/ml**

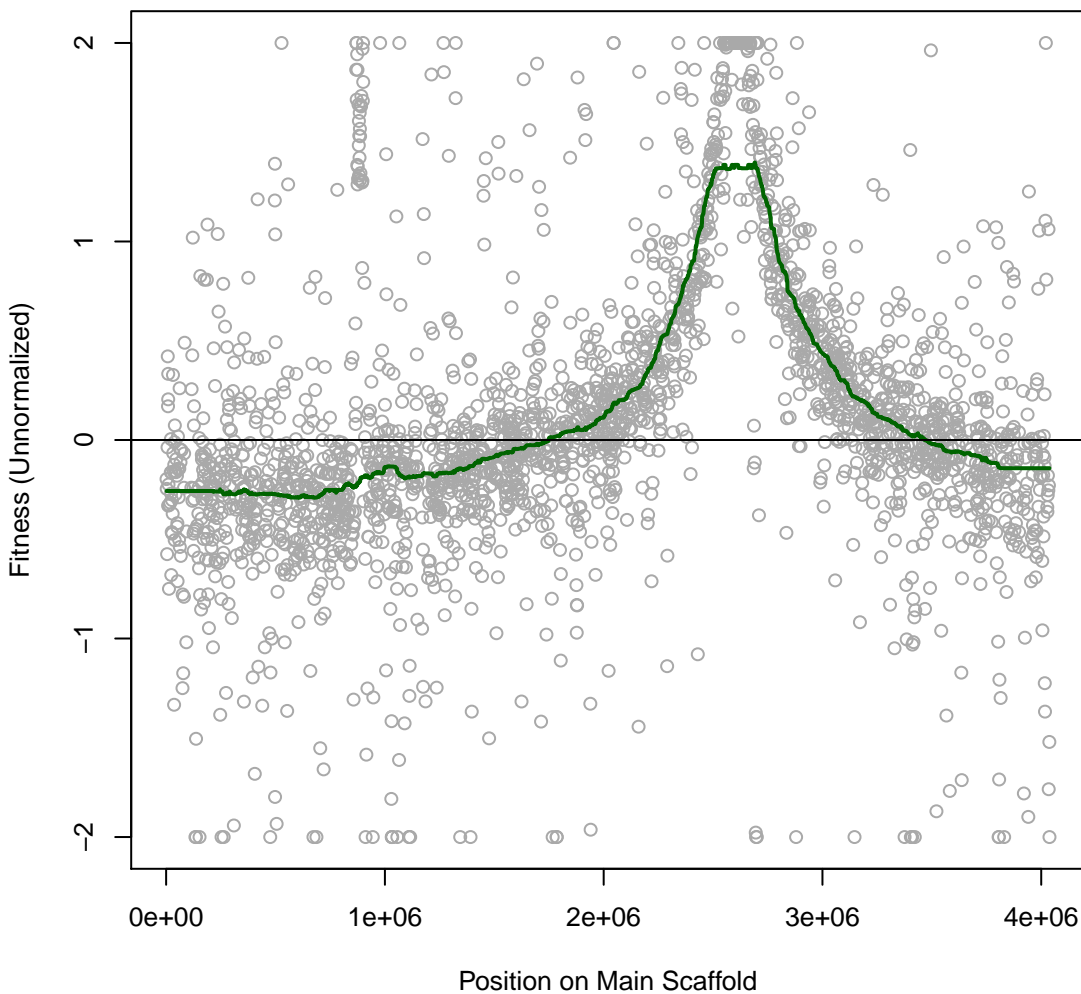


**Miya 1H34 #24 (gMed=427 rho12=0.274)**  
**MoYLS4 with G418 0.125 mg/ml**

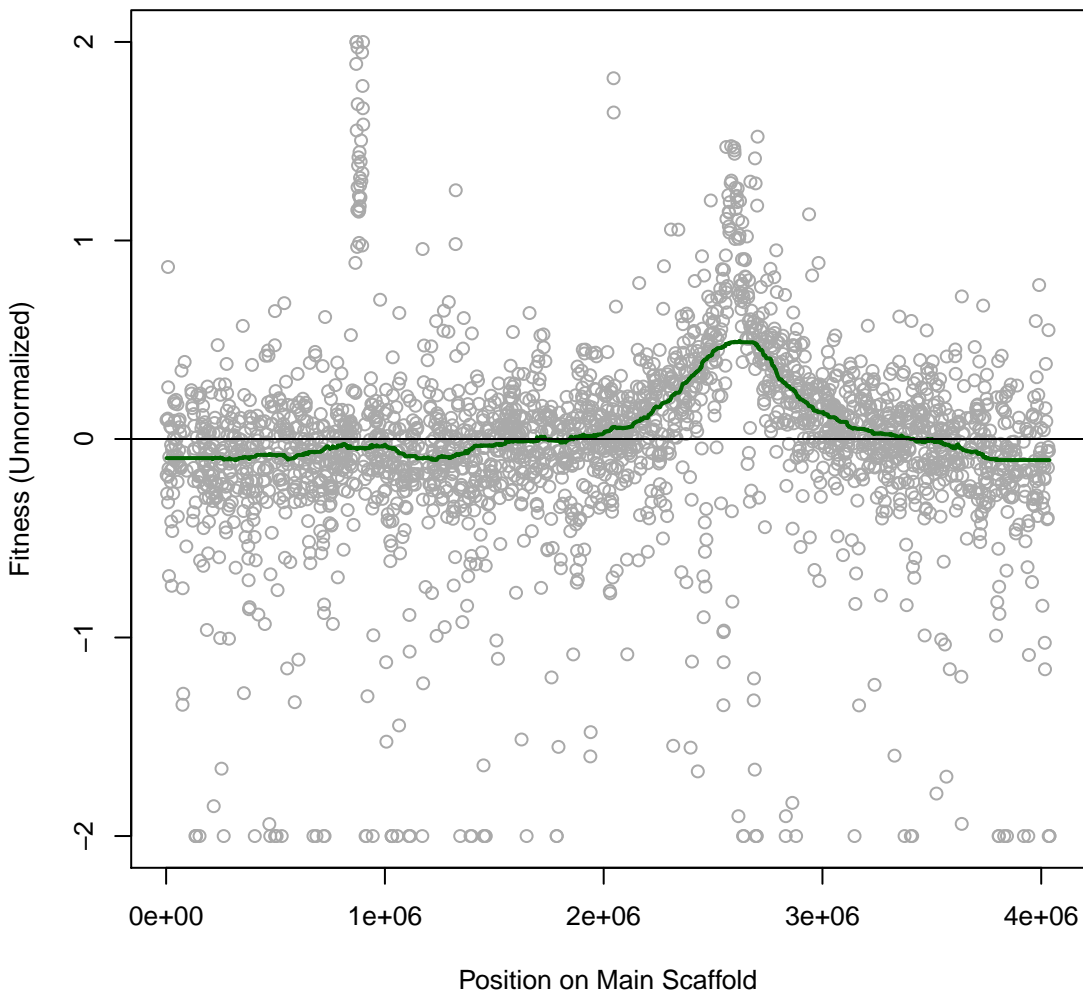




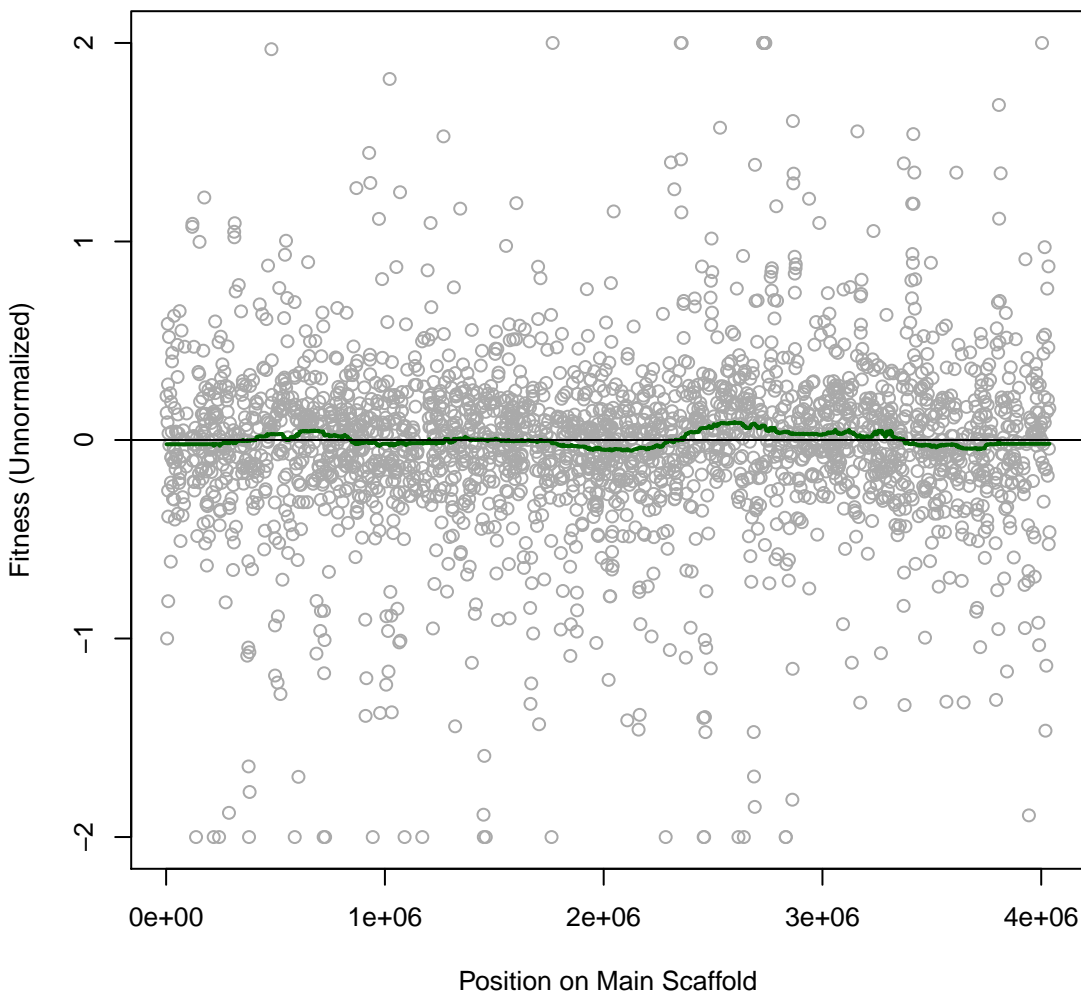
**Miya 1H35 #25 (gMed=326 rho12=0.455)**  
**MoYLS4 with Nalidixic 0.0078125 mg/ml**



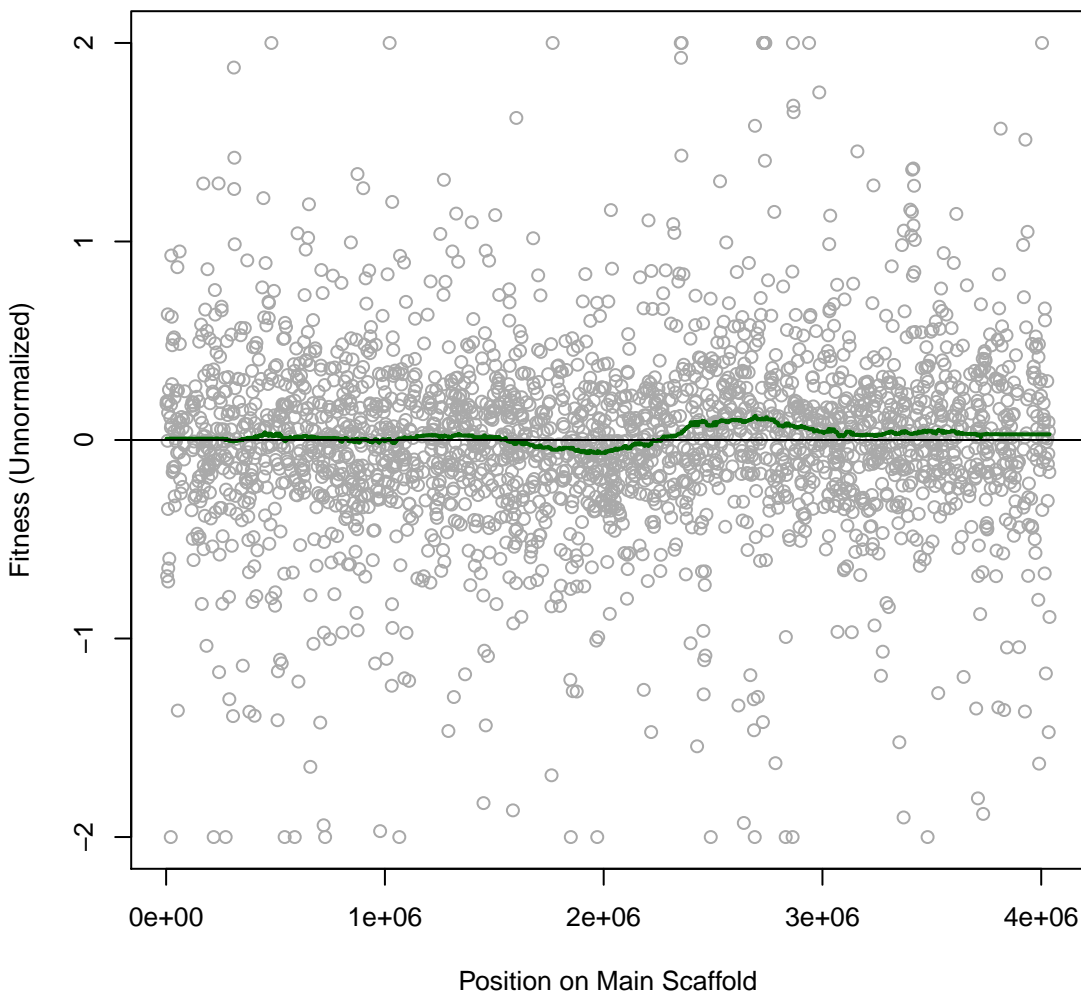
**Miya 1H36 #26 (gMed=450 rho12=0.431)**  
**MoYLS4 with Nalidixic 0.0078125 mg/ml**



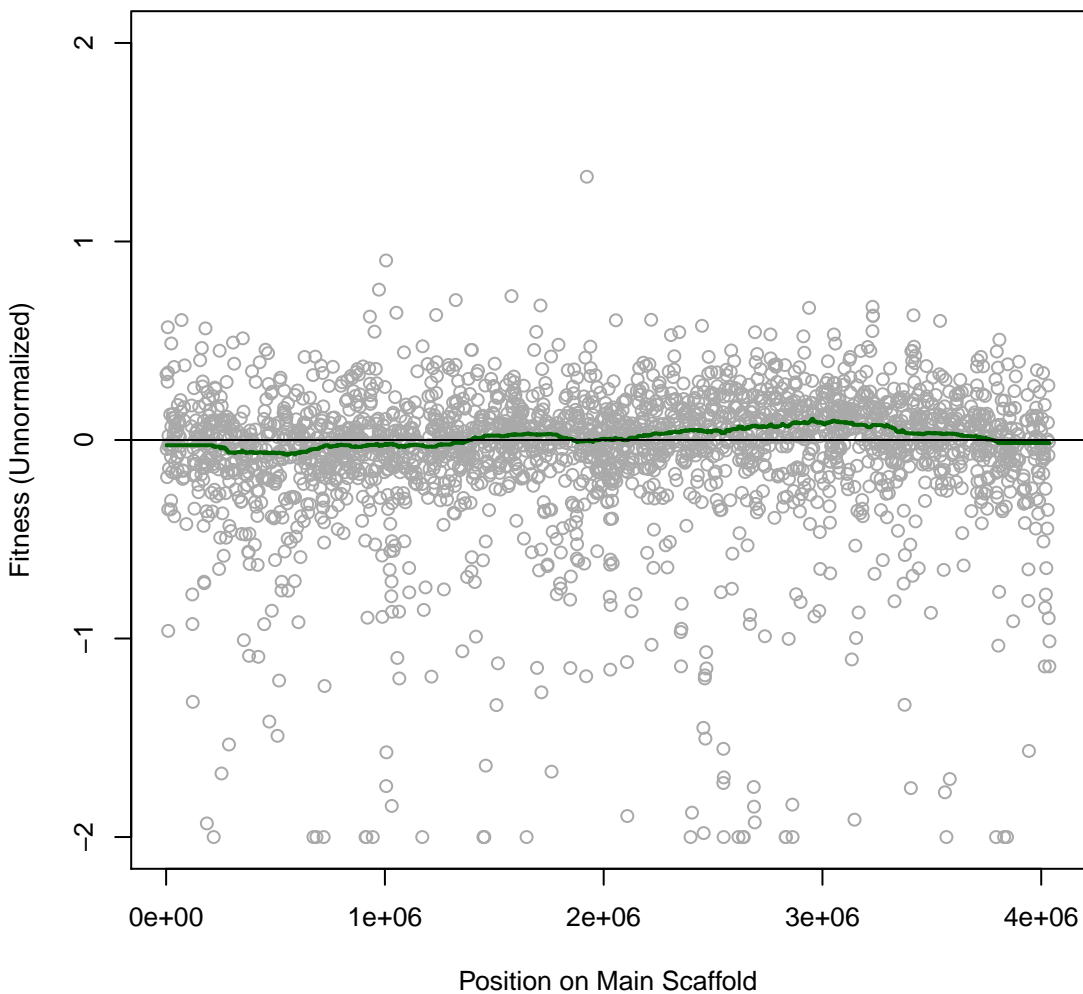
**Miya 1H37 #27 (gMed=206 rho12=0.362)**  
**MoYLS4 with nitrate 50 mM**



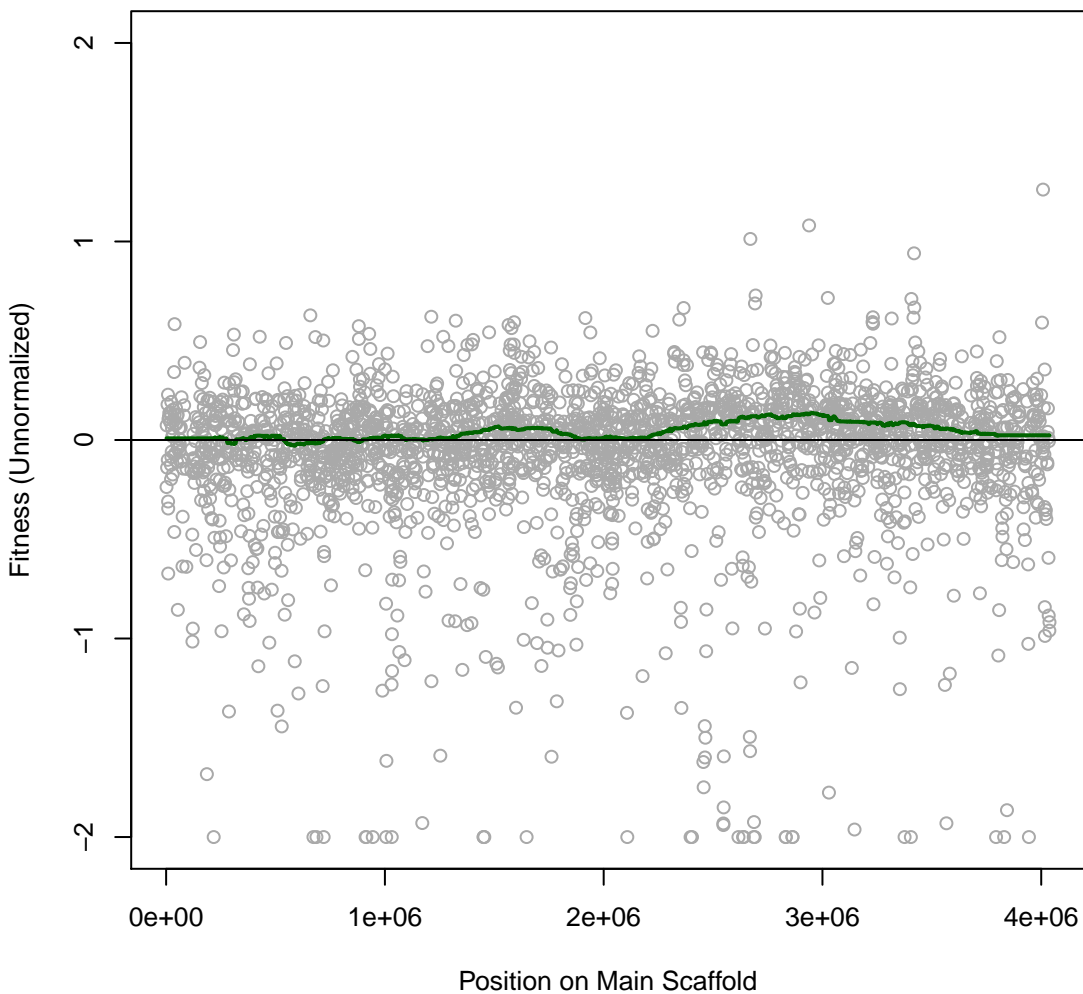
**Miya 1H38 #28 (gMed=59 rho12=0.162)**  
**MoYLS4 with nitrate 50 mM**



**Miya 1H39 #29 (gMed=511 rho12=0.329)**  
**rich MoYLS4**

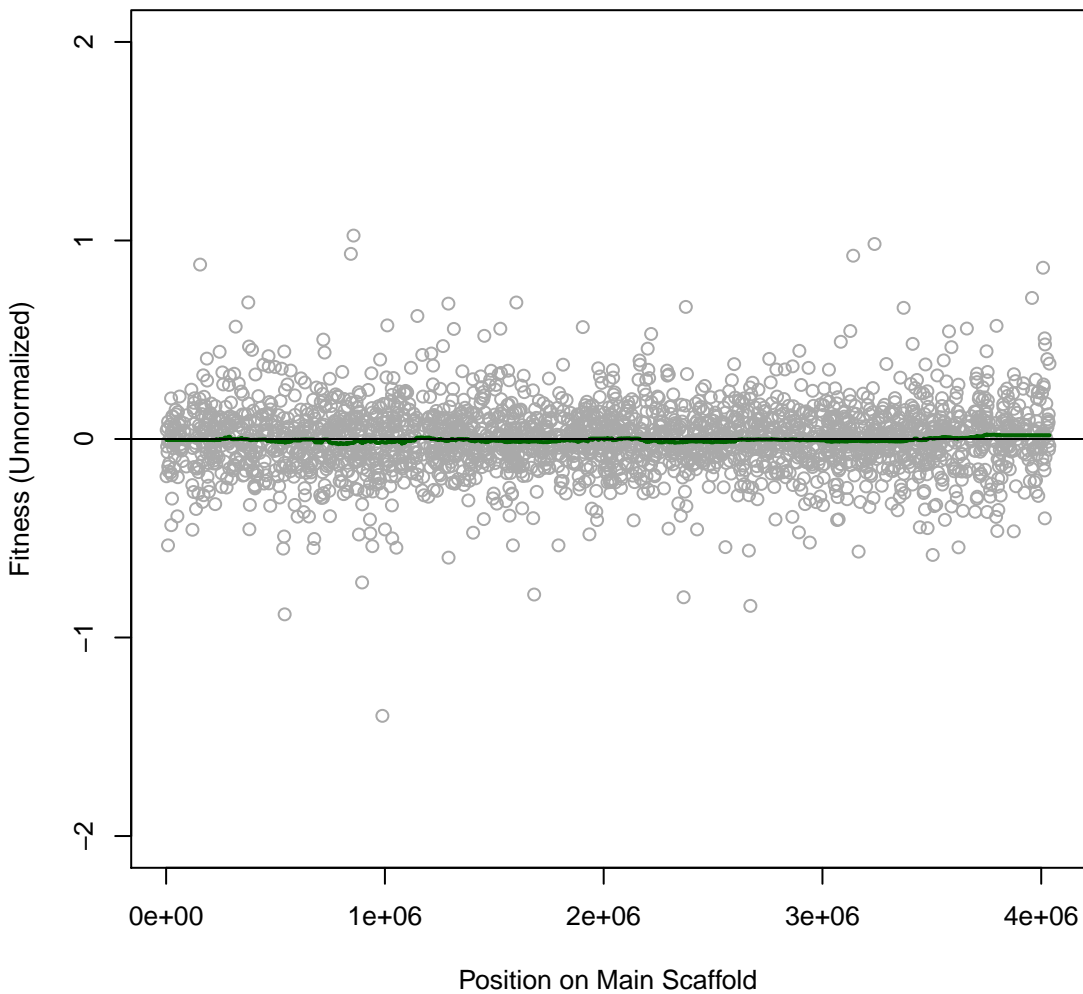


**Miya 1H40 #30 (gMed=379 rho12=0.269)**  
**rich MoYLS4**

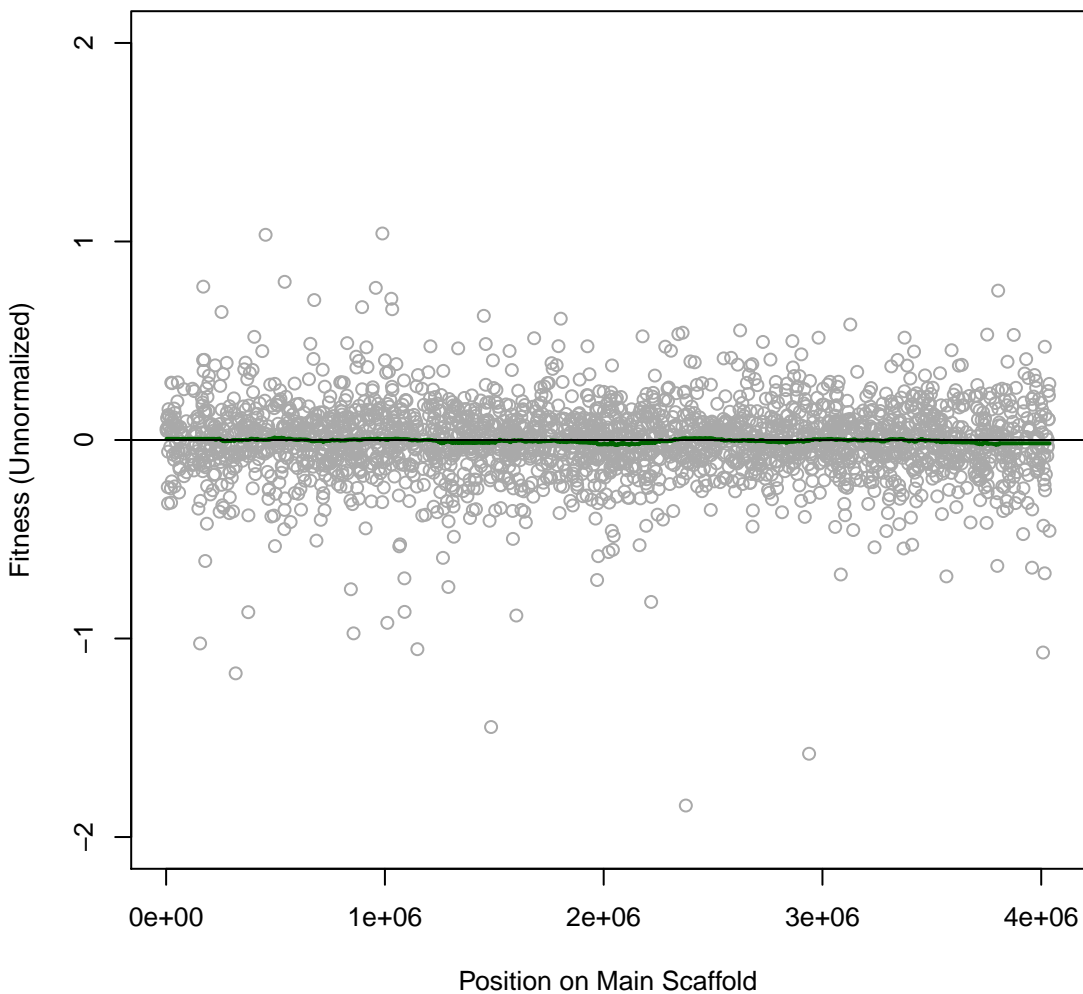


Miya 1H41 #31 (gMed=447 rho12=-0.038)

Time0

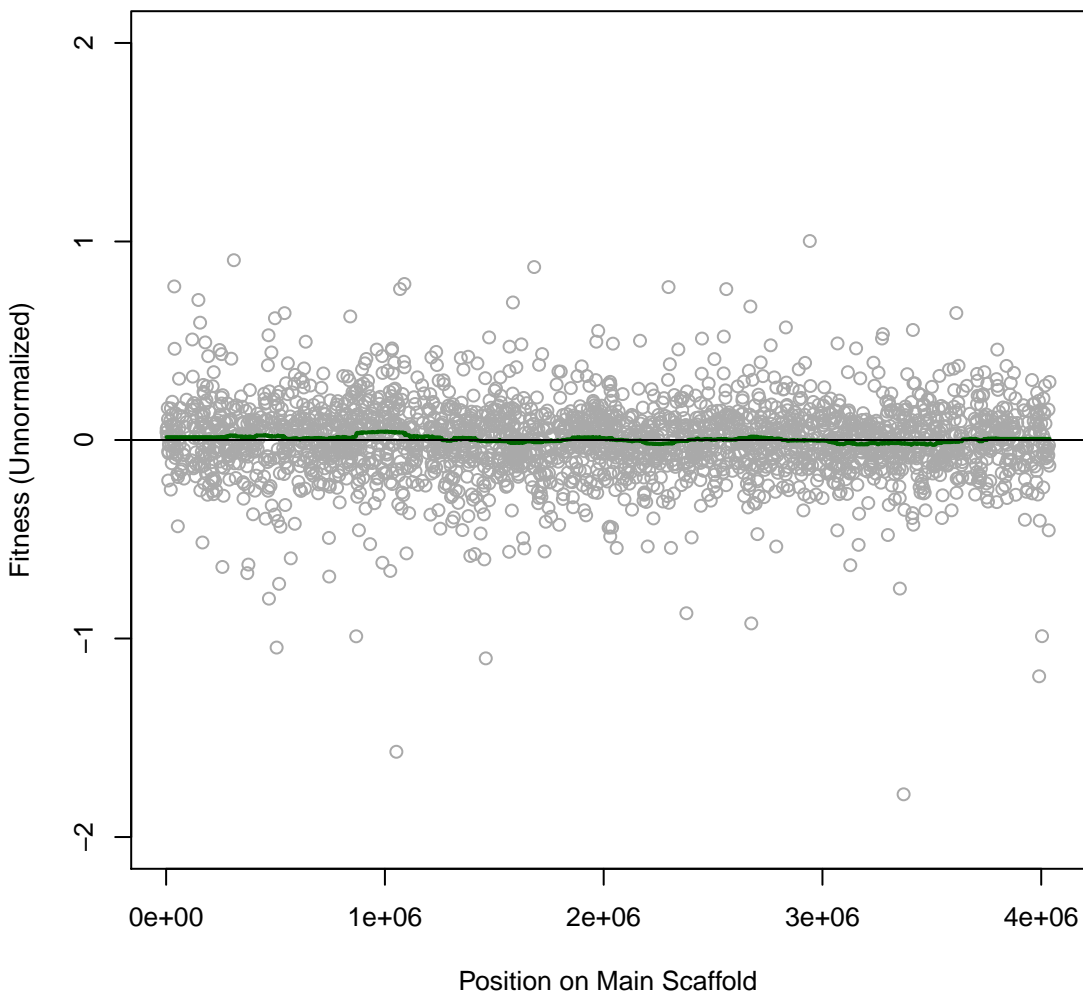


**Miya 1H46 #32 (gMed=444 rho12=-0.017)**  
**Time0**



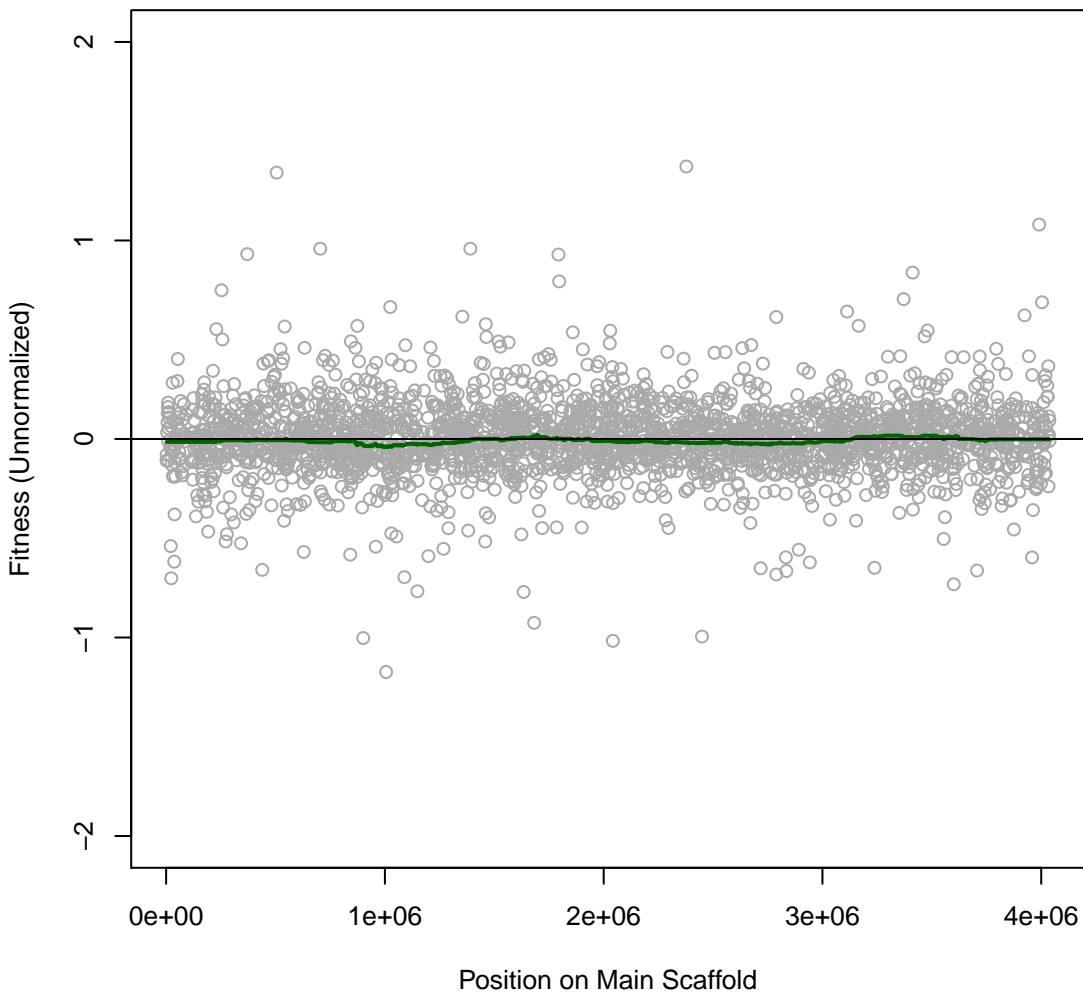


**Miya 1H42 #33 (gMed=384 rho12=0.082)**  
**Time0**



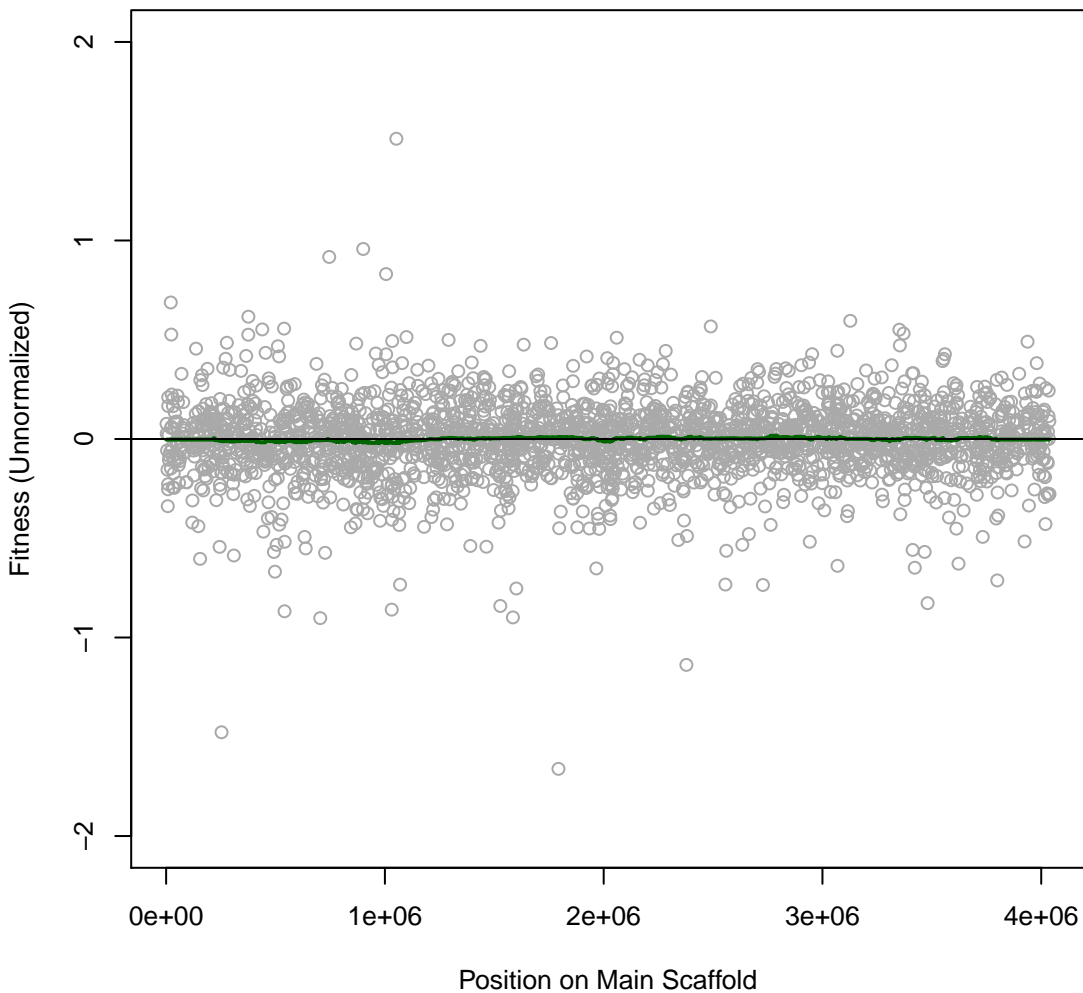
**Miya 1H43 #34 (gMed=388 rho12=0.026)**

**Time0**



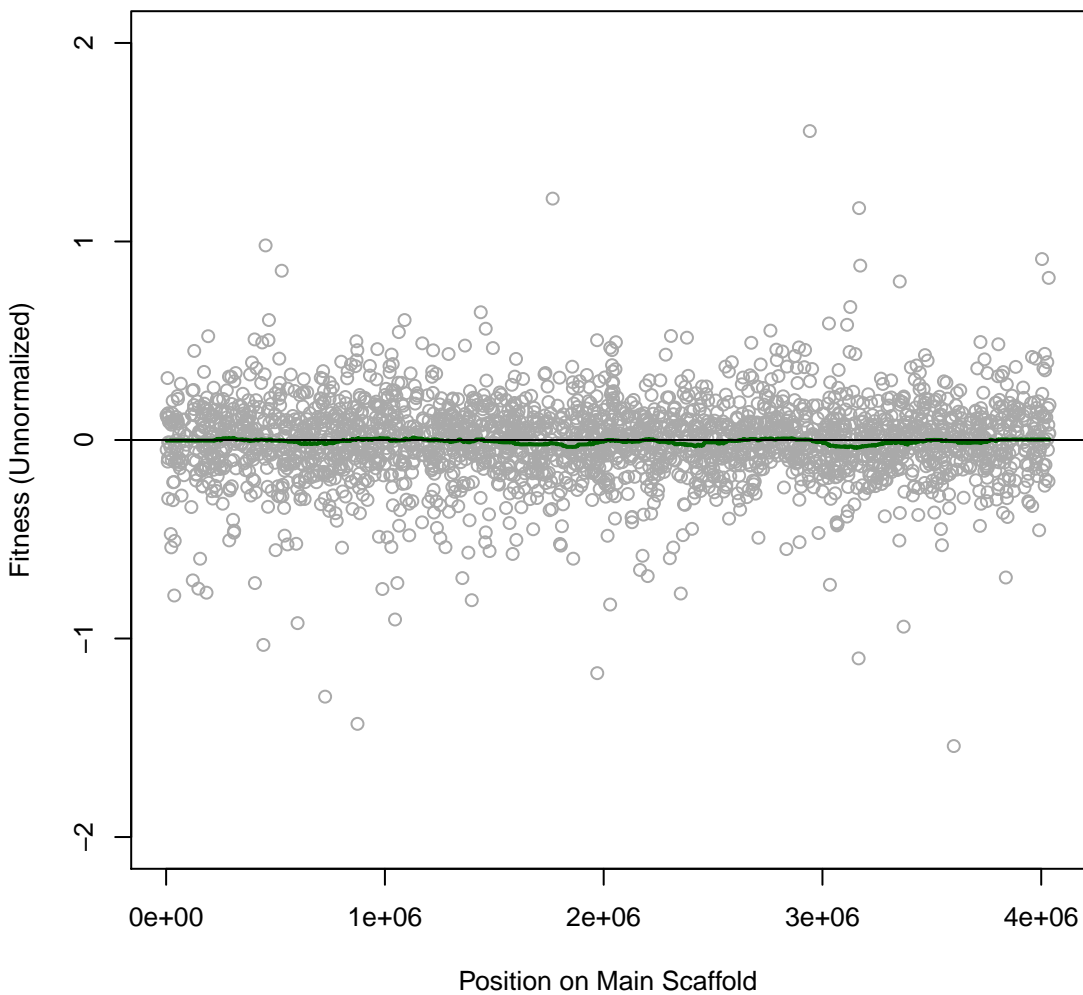
**Miya 1H47 #35 (gMed=417 rho12=0.030)**

**Time0**

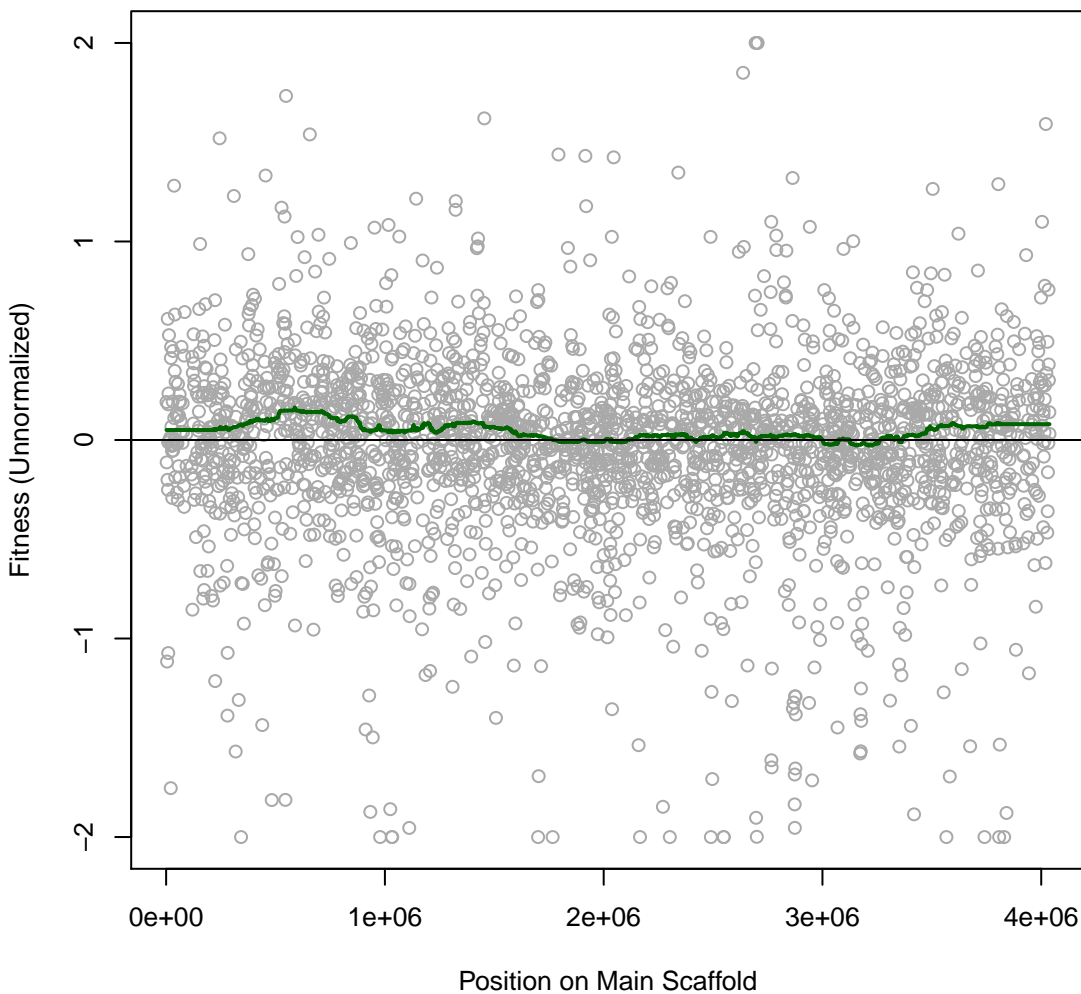


Miya 2IT001 #36 (gMed=361 rho12=0.003)

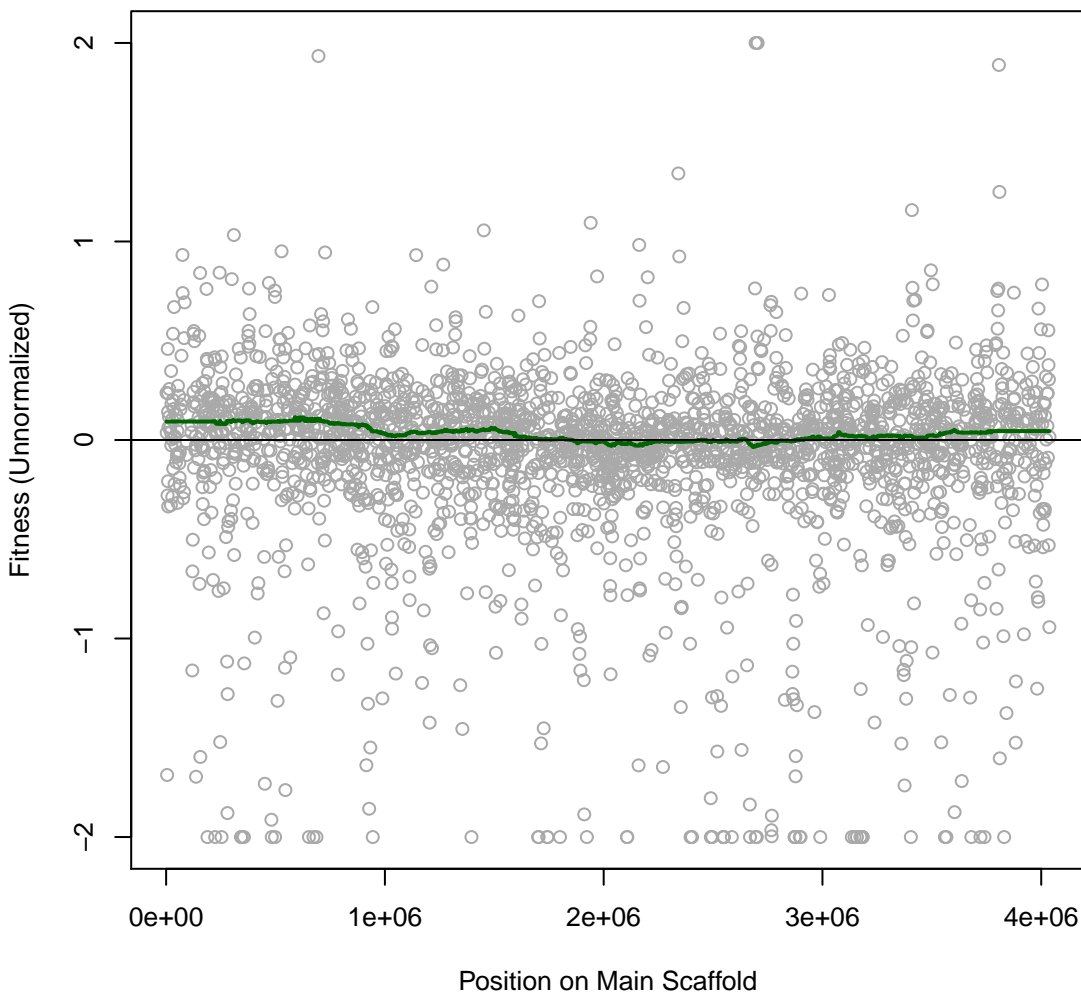
Time0



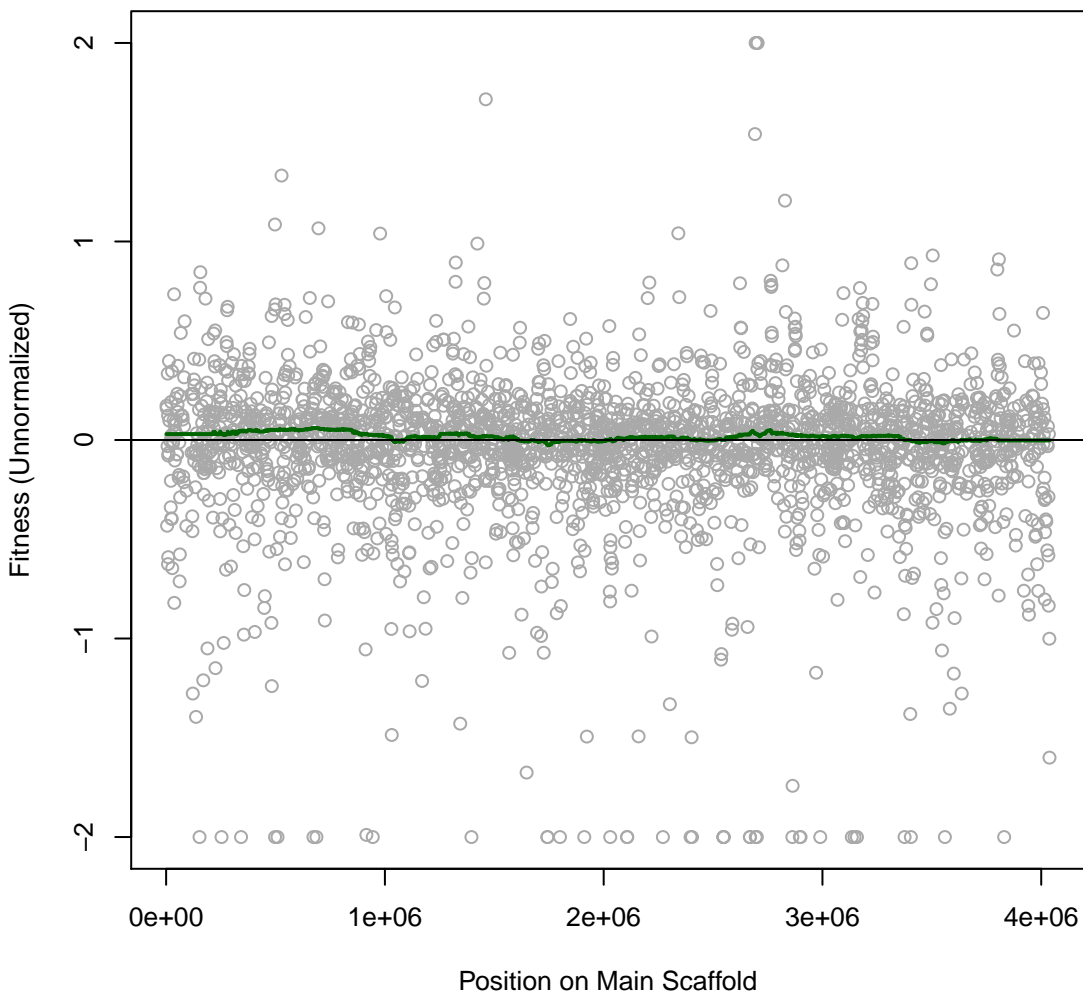
**Miya 2IT002 #37 (gMed=332 rho12=0.207)**  
**MoYLS4 with Tetracycline 0.0005 mg/ml**



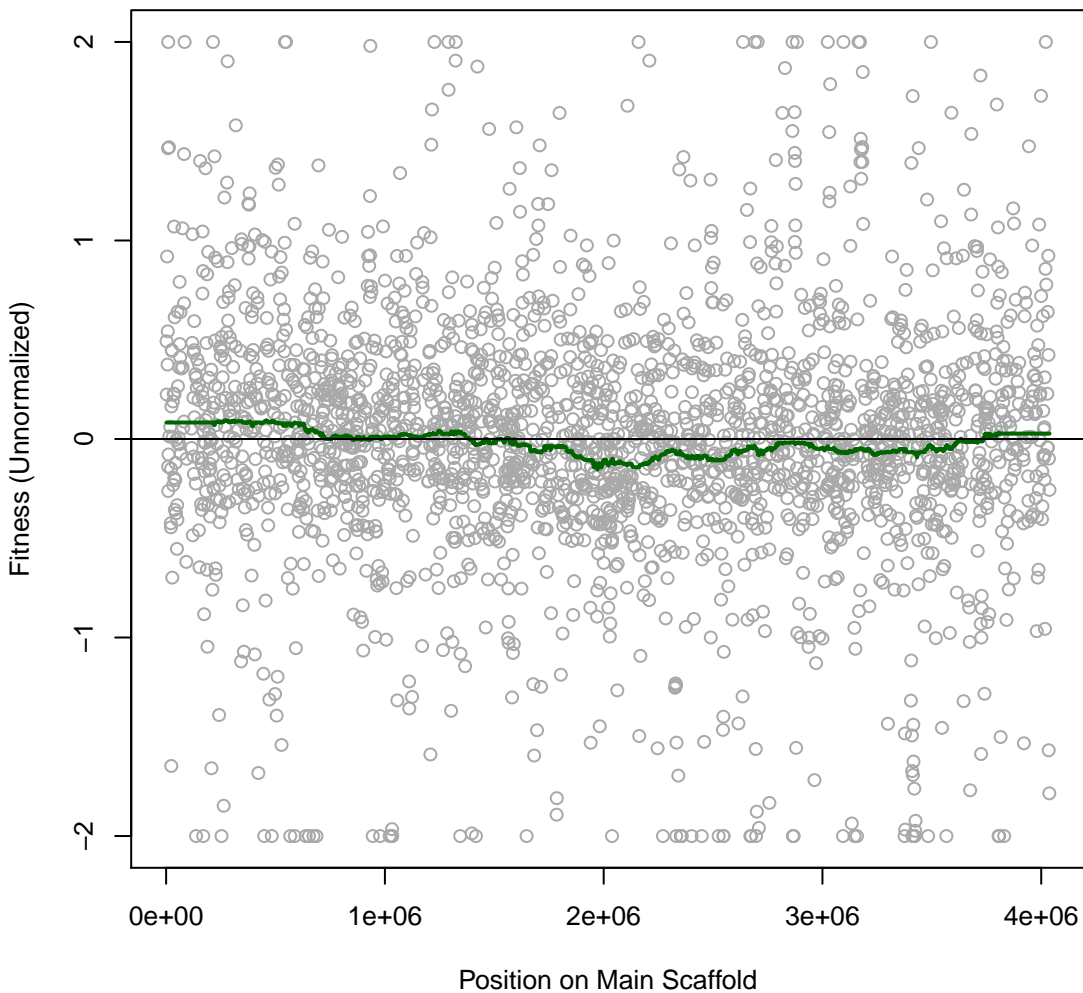
**Miya 2IT003 #38 (gMed=463 rho12=0.391)**  
**MoYLS4 with Tetracycline 0.0005 mg/ml**



**Miya 2IT004 #39 (gMed=423 rho12=0.339)**  
**MoYLS4 with Tetracycline 0.0005 mg/ml**

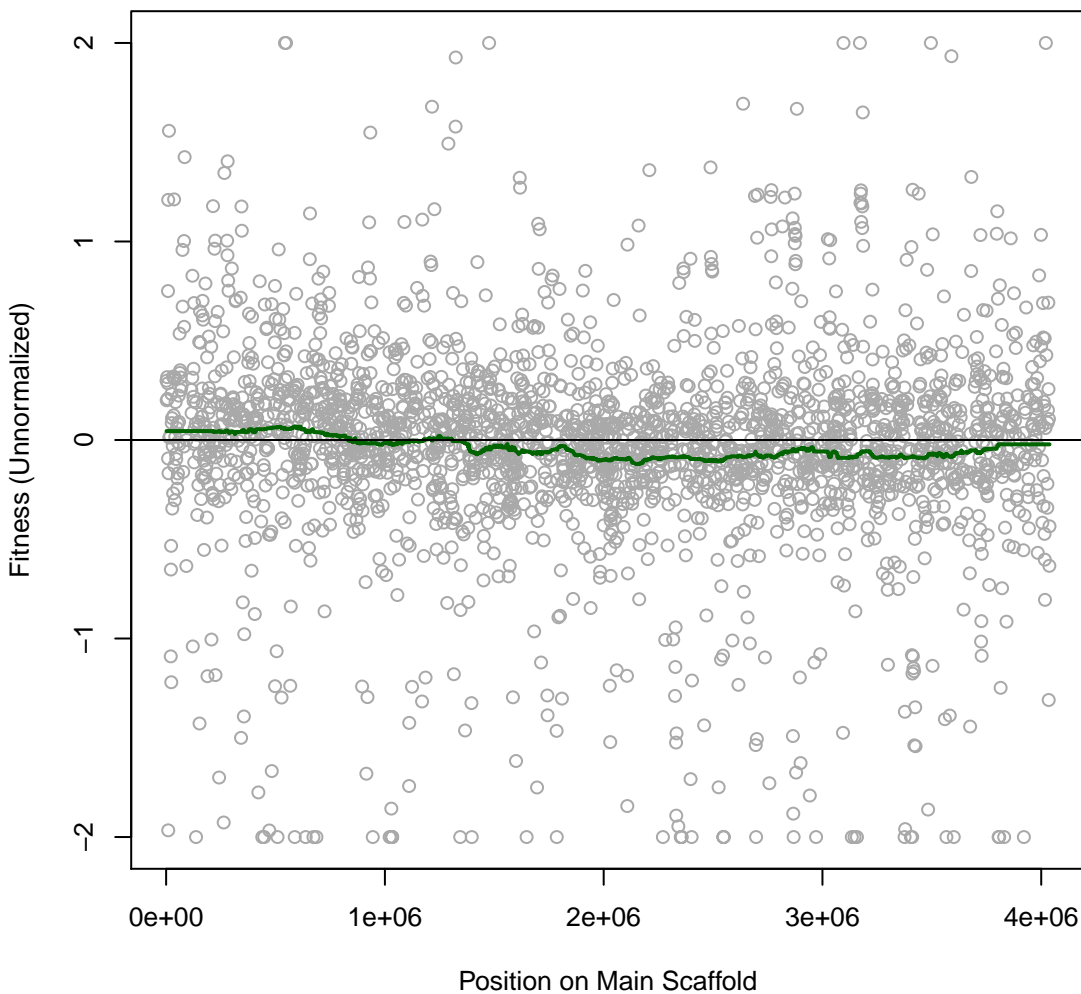


**Miya 2IT005 #40 (gMed=325 rho12=0.405)**  
**MoYLS4 with Gentamicin 0.0625 mg/ml**

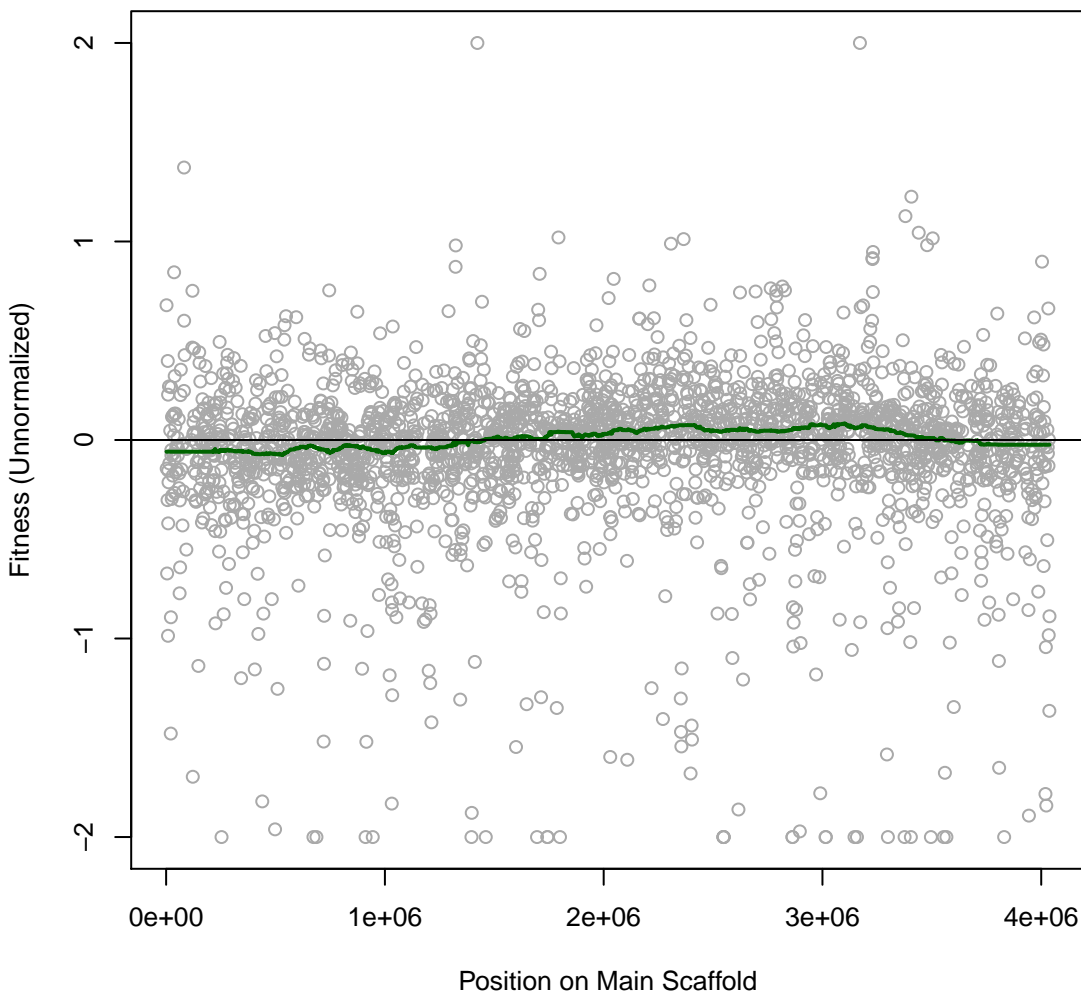




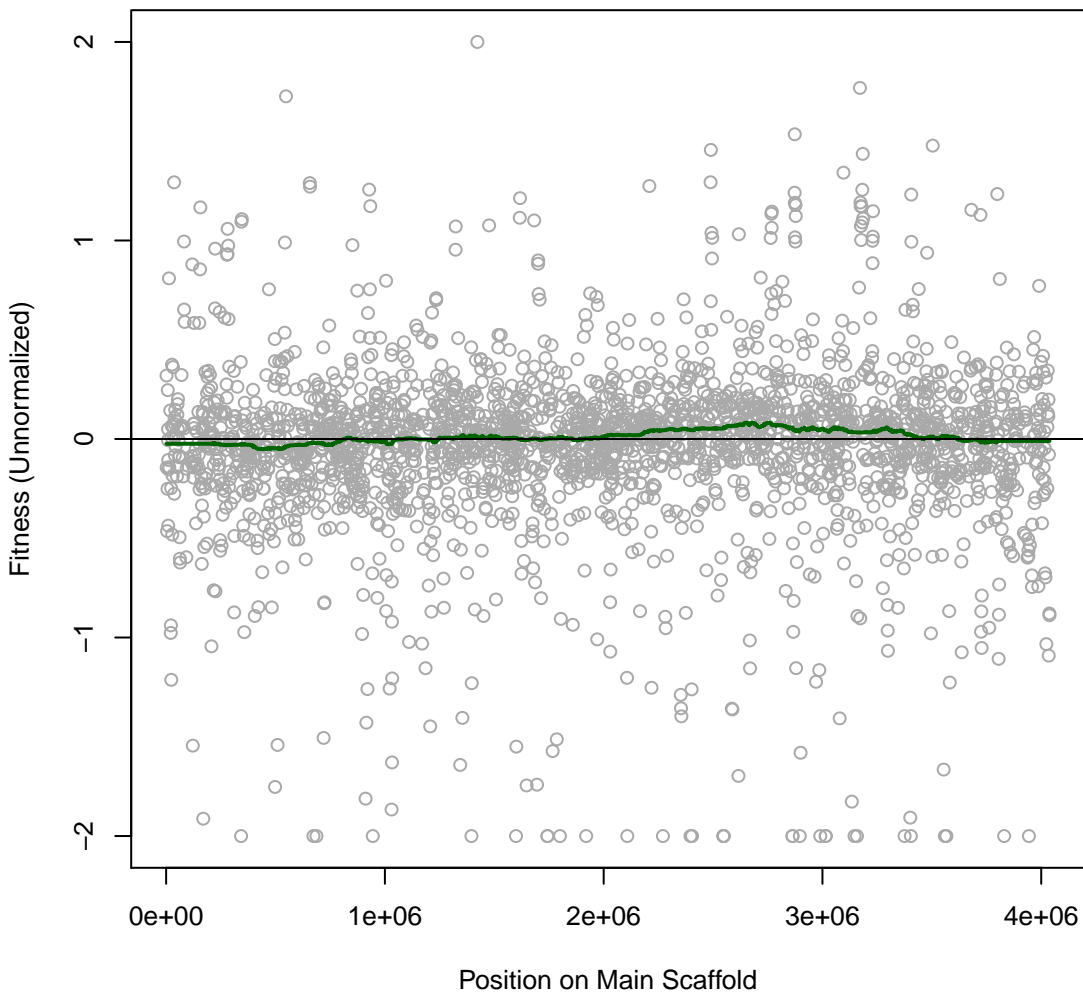
**Miya 2IT006 #41 (gMed=441 rho12=0.437)**  
**MoYLS4 with Gentamicin 0.03 mg/ml**



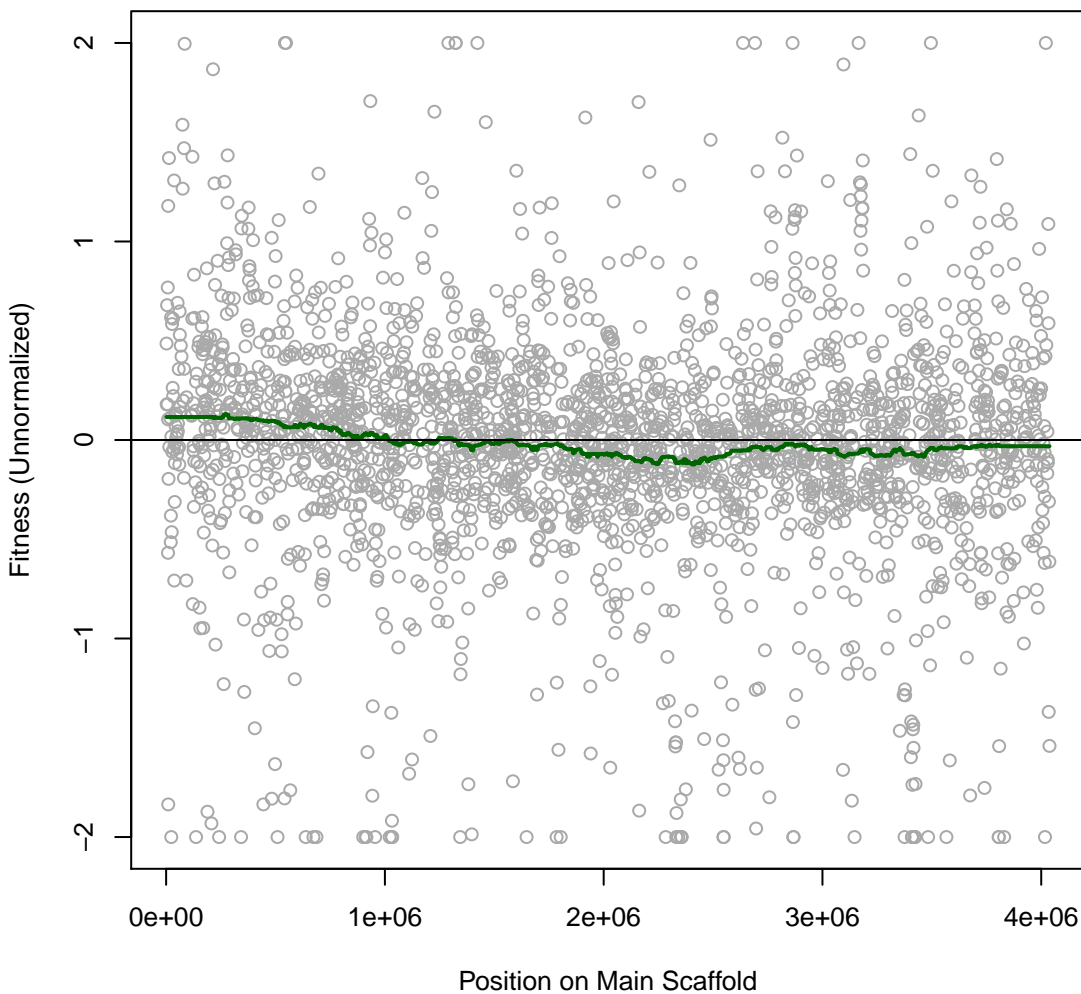
**Miya 2IT007 #42 (gMed=477 rho12=0.313)**  
**MoYLS4 with nitrite 1.25 mg/ml**



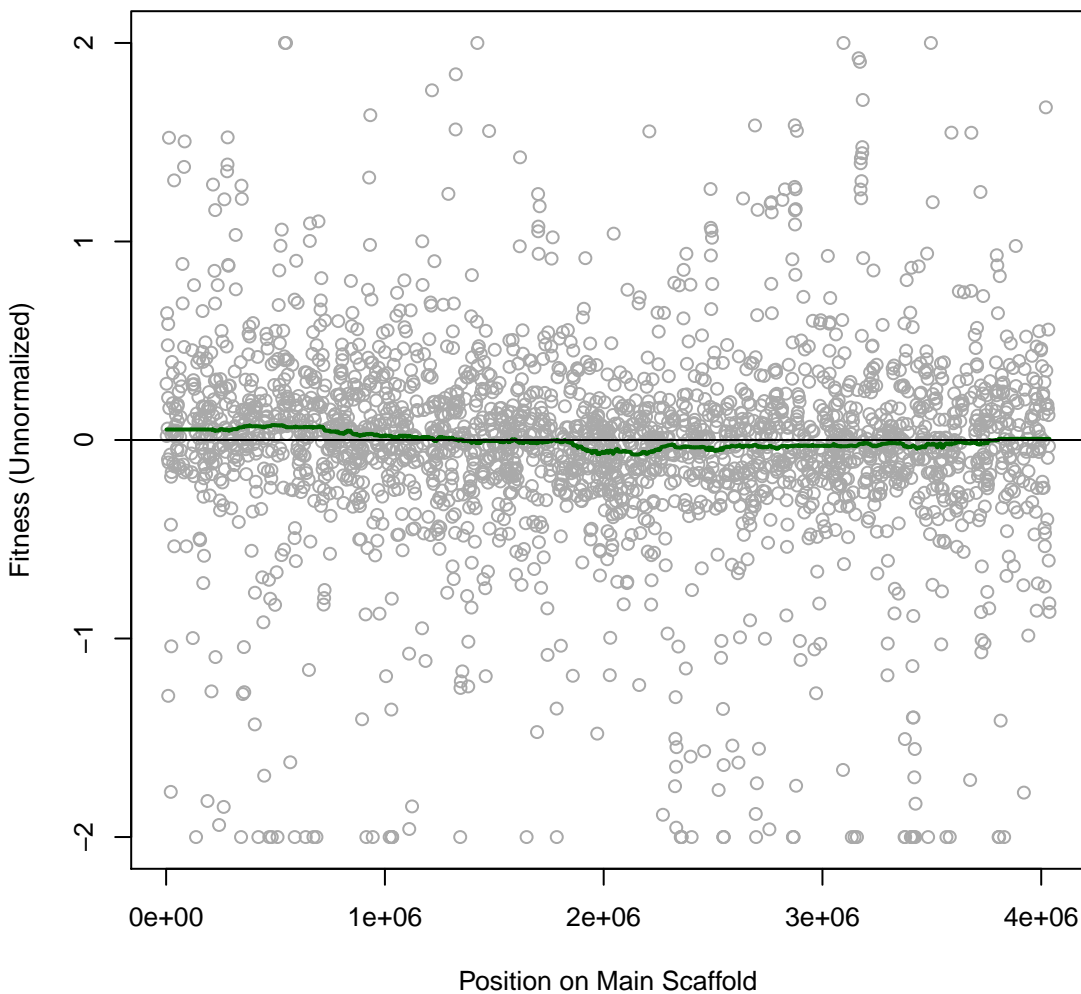
**Miya 2IT008 #43 (gMed=429 rho12=0.337)**  
**MoYLS4 with nitrite 0.625 mg/ml**



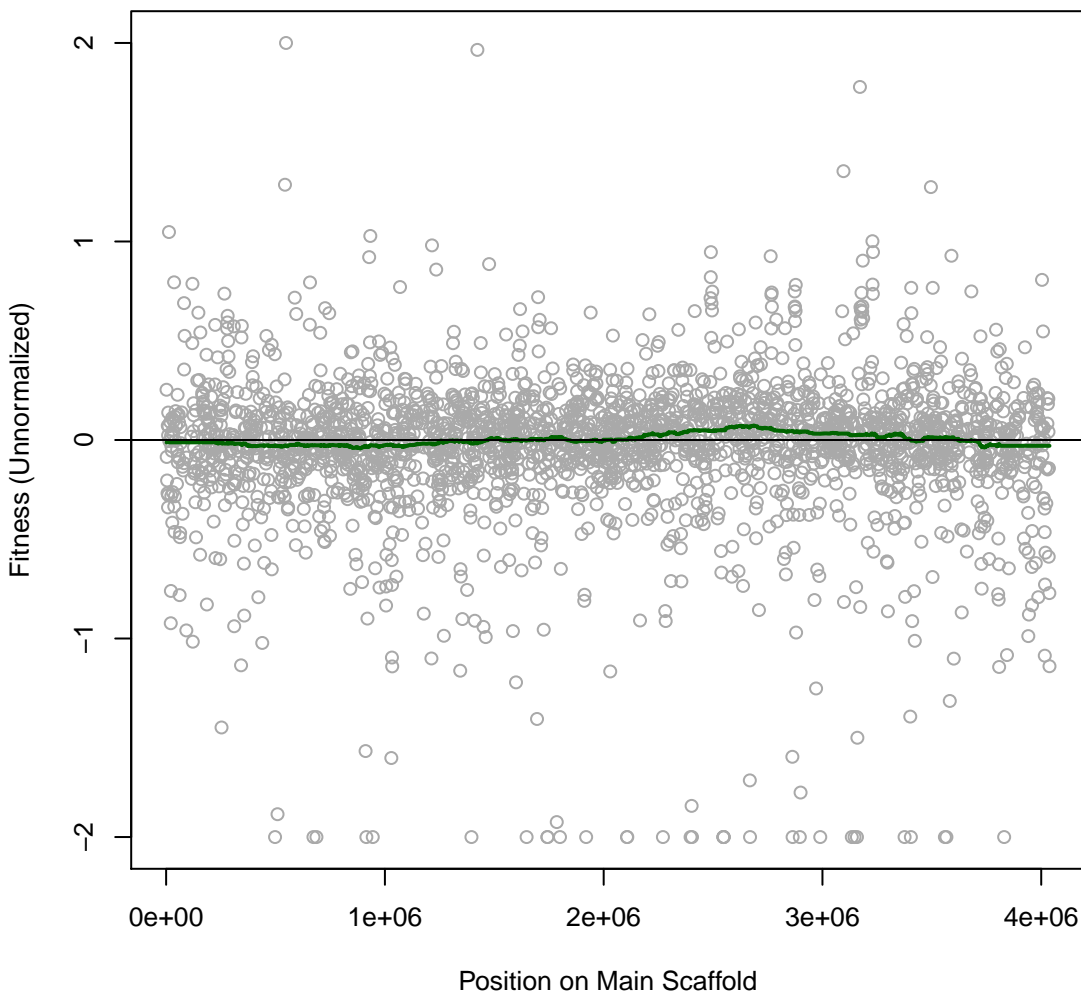
**Miya 2IT009 #44 (gMed=318 rho12=0.349)**  
**MoYLS4 with Sisomicin 0.03125 mg/ml**



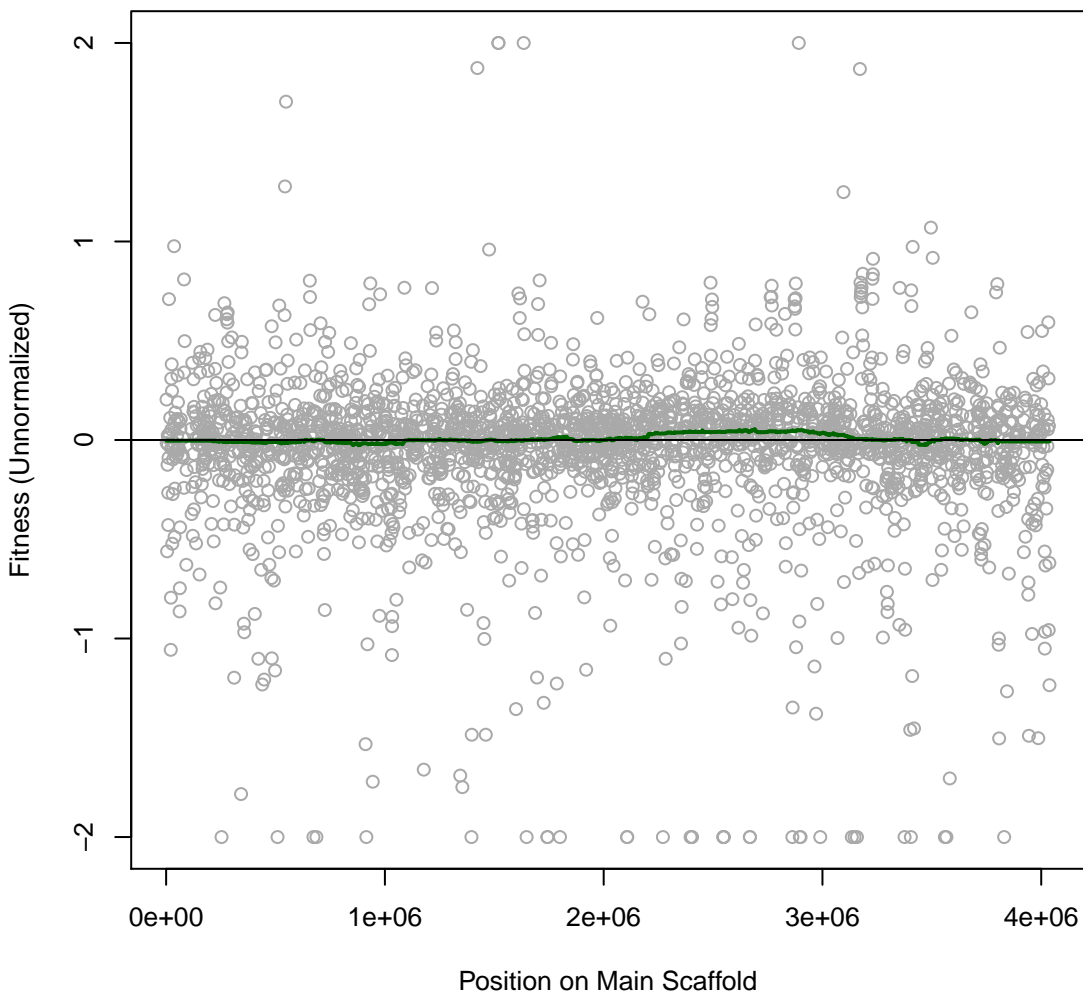
**Miya 2IT010 #45 (gMed=440 rho12=0.410)**  
**MoYLS4 with Sisomicin 0.0156 mg/ml**



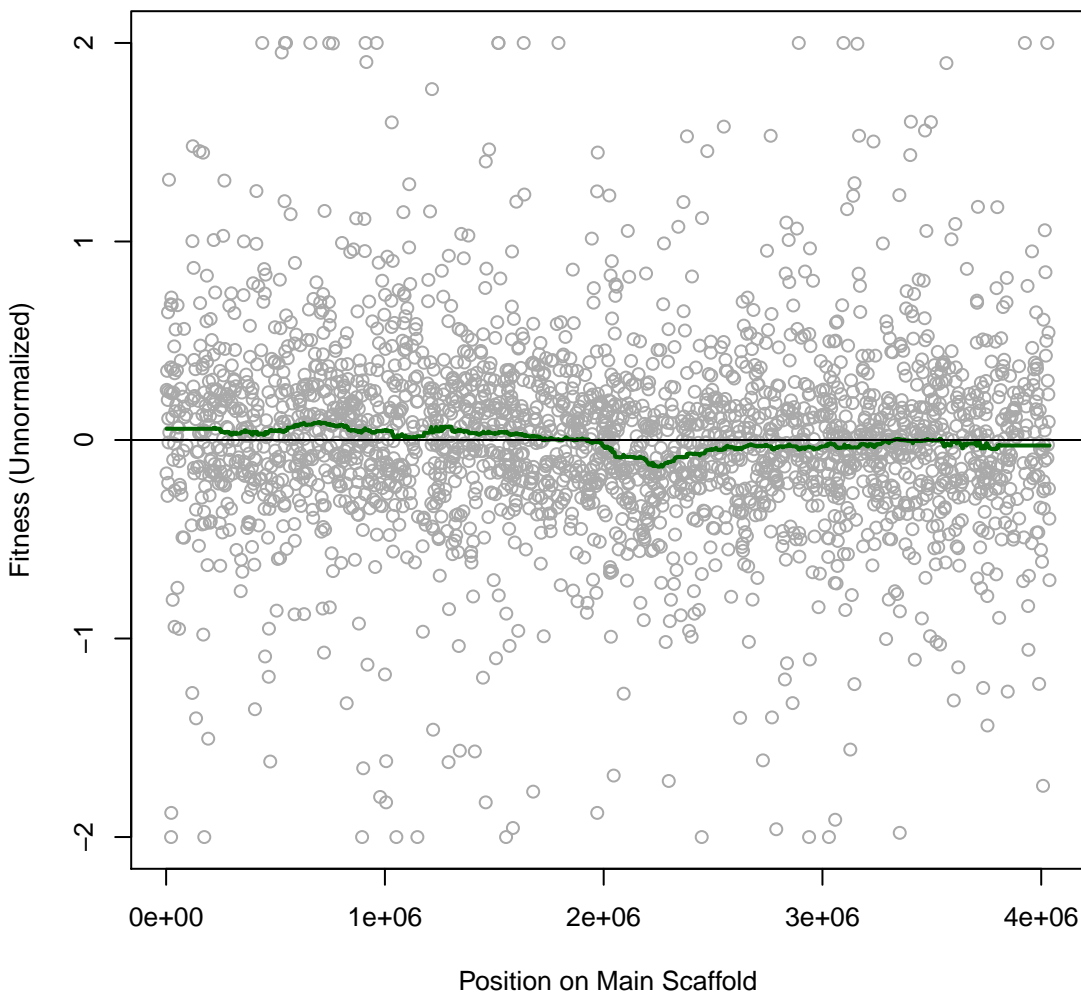
**Miya 2IT011 #46 (gMed=502 rho12=0.355)**  
**MoYLS4 with Sisomicin 0.0078 mg/ml**



**Miya 2IT012 #47 (gMed=682 rho12=0.307)**  
**rich MoYLS4**

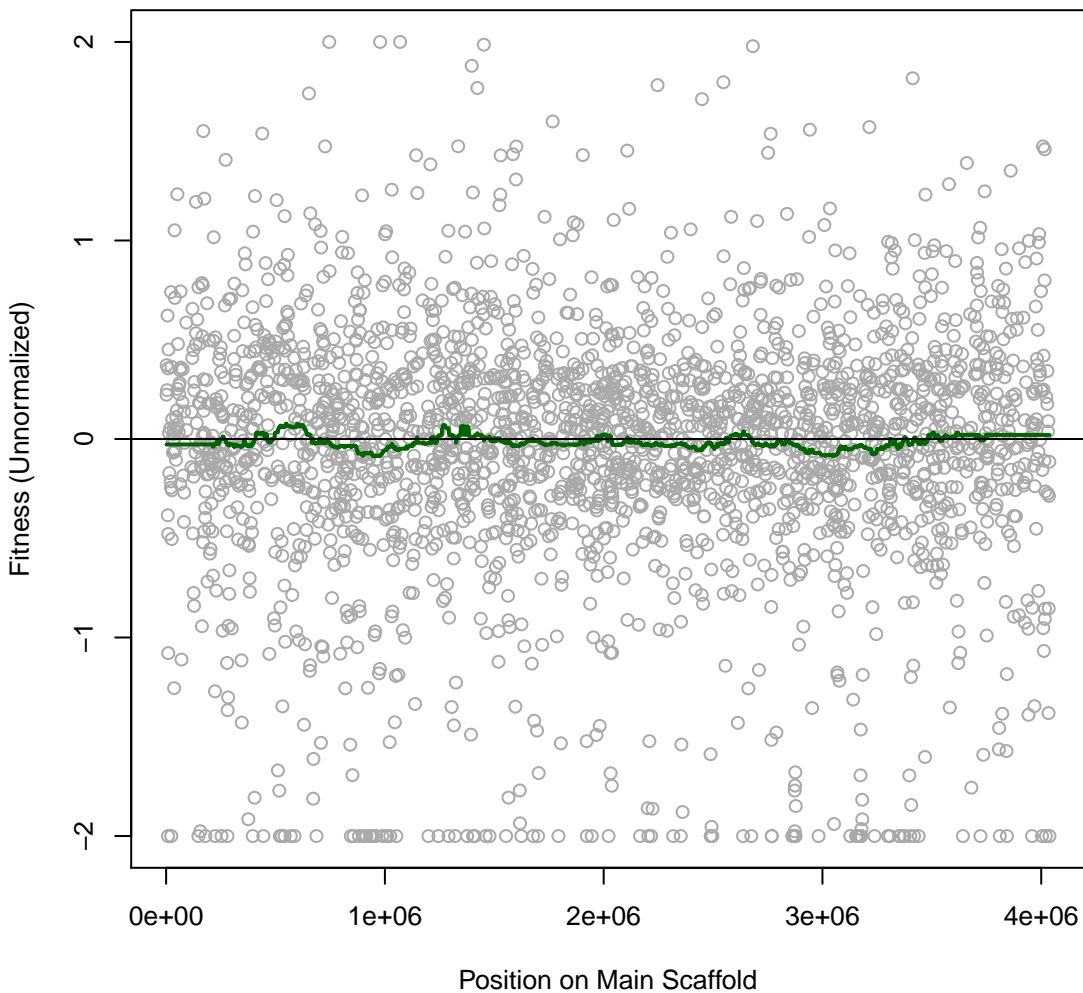


**Miya 2IT013 #48 (gMed=67 rho12=0.071)**  
**MoYLS4 with Chlorate 5 mM**

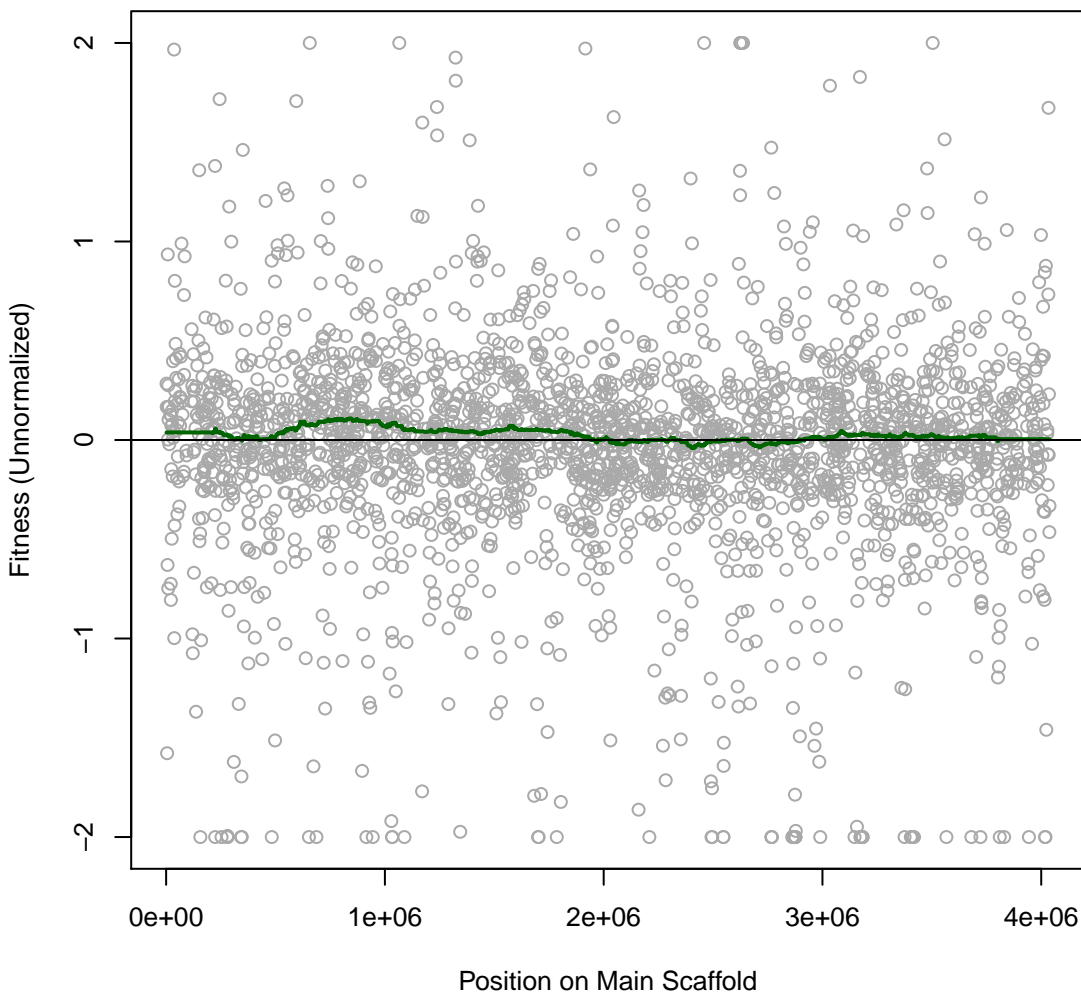




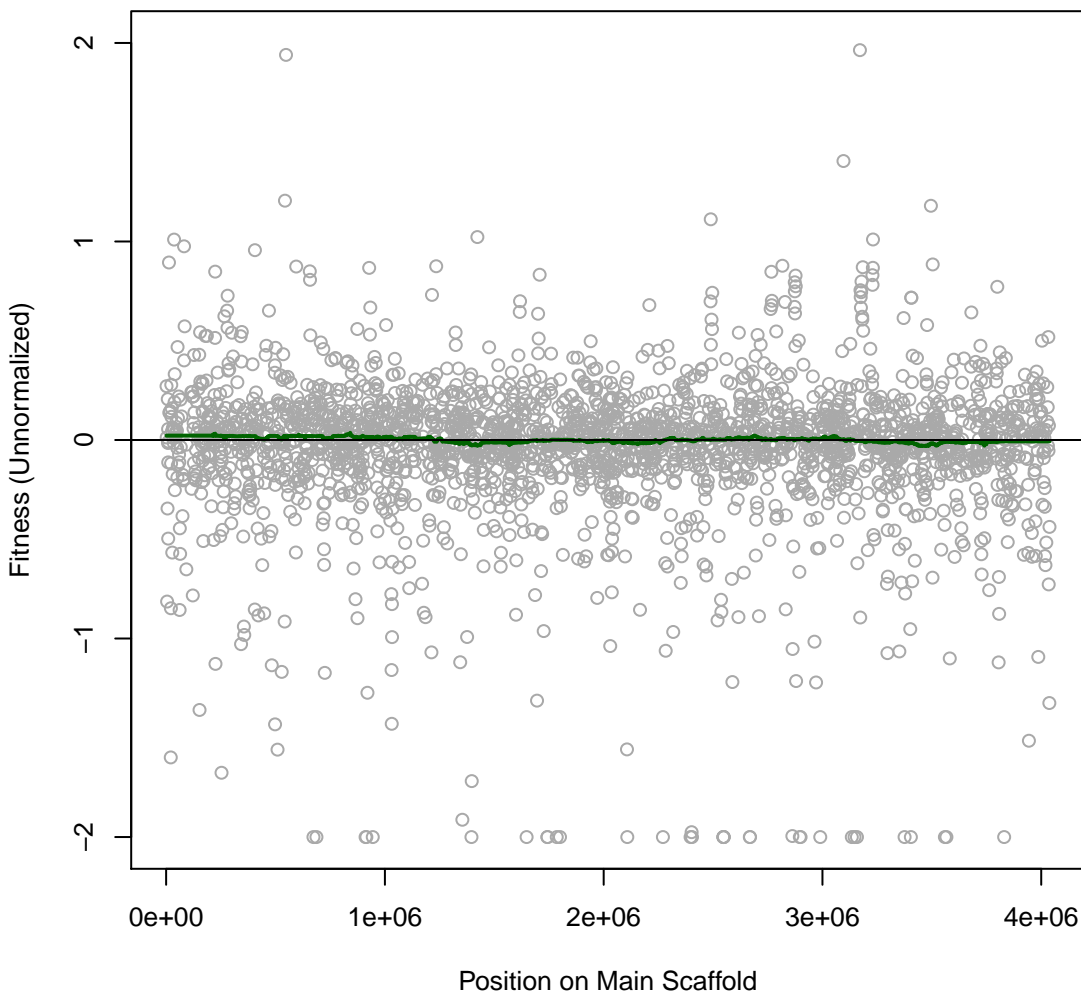
**Miya 2IT014 #49 (gMed=183 rho12=0.070)**  
**MoYLS4 with Chlorite 5 mM**



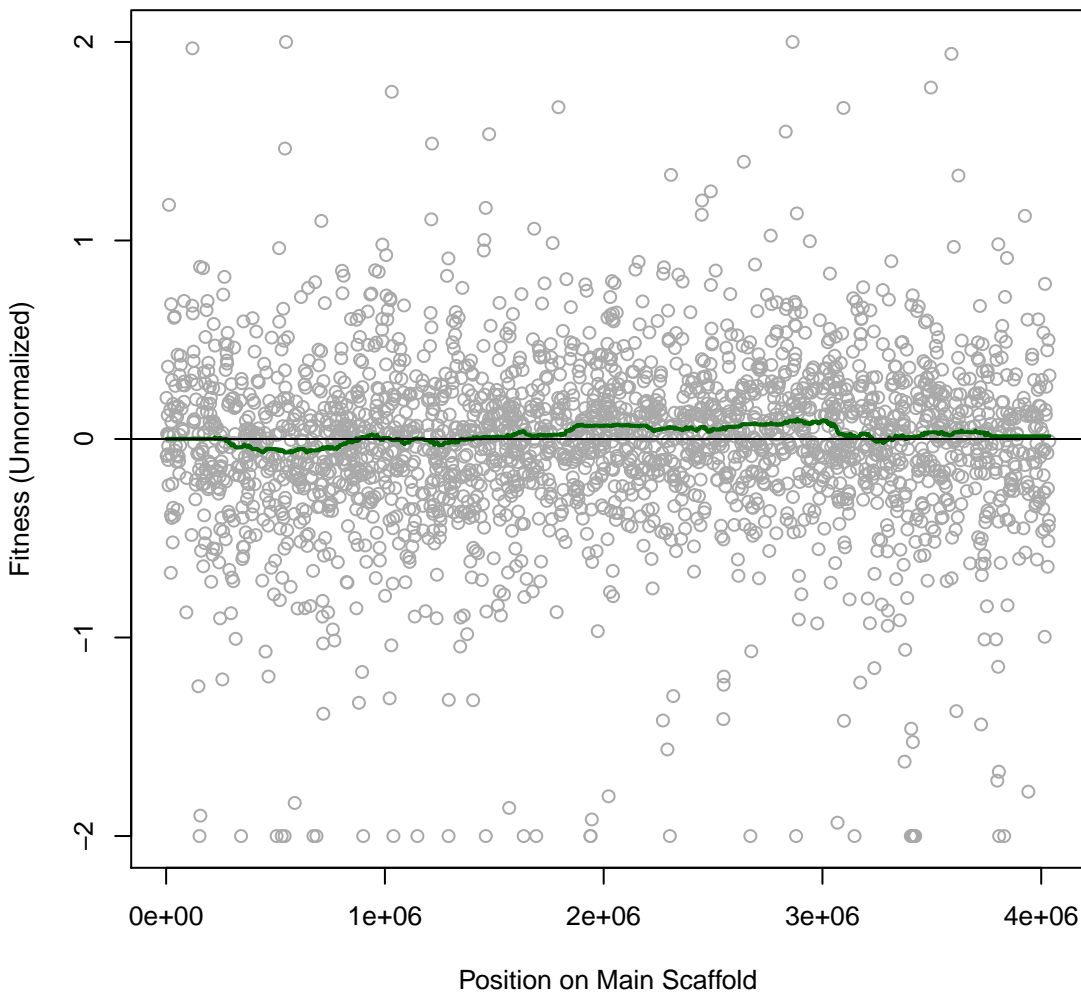
**Miya 2IT015 #50 (gMed=361 rho12=0.319)**  
**MoYLS4 with perchlorate 12.5 mM**



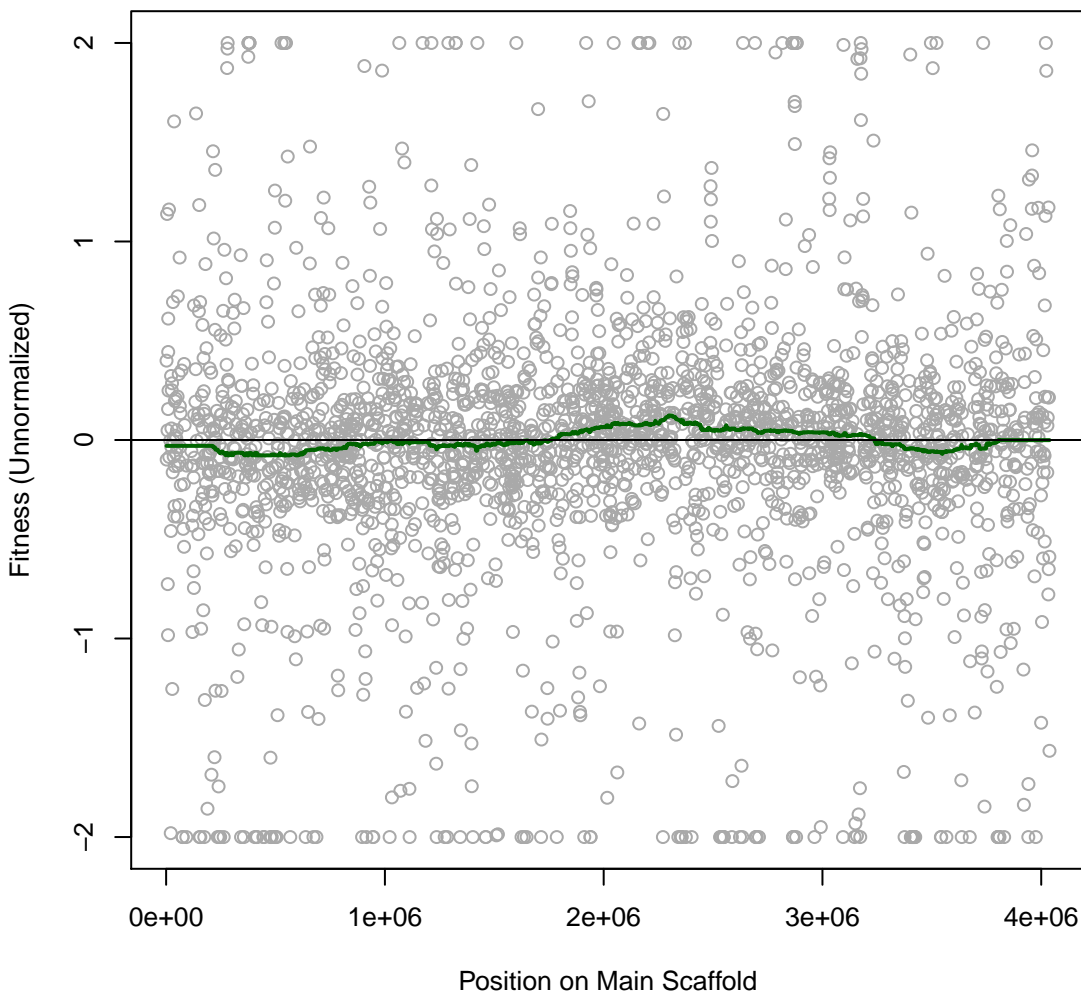
**Miya 2IT016 #51 (gMed=619 rho12=0.349)**  
**rich MoYLS4**



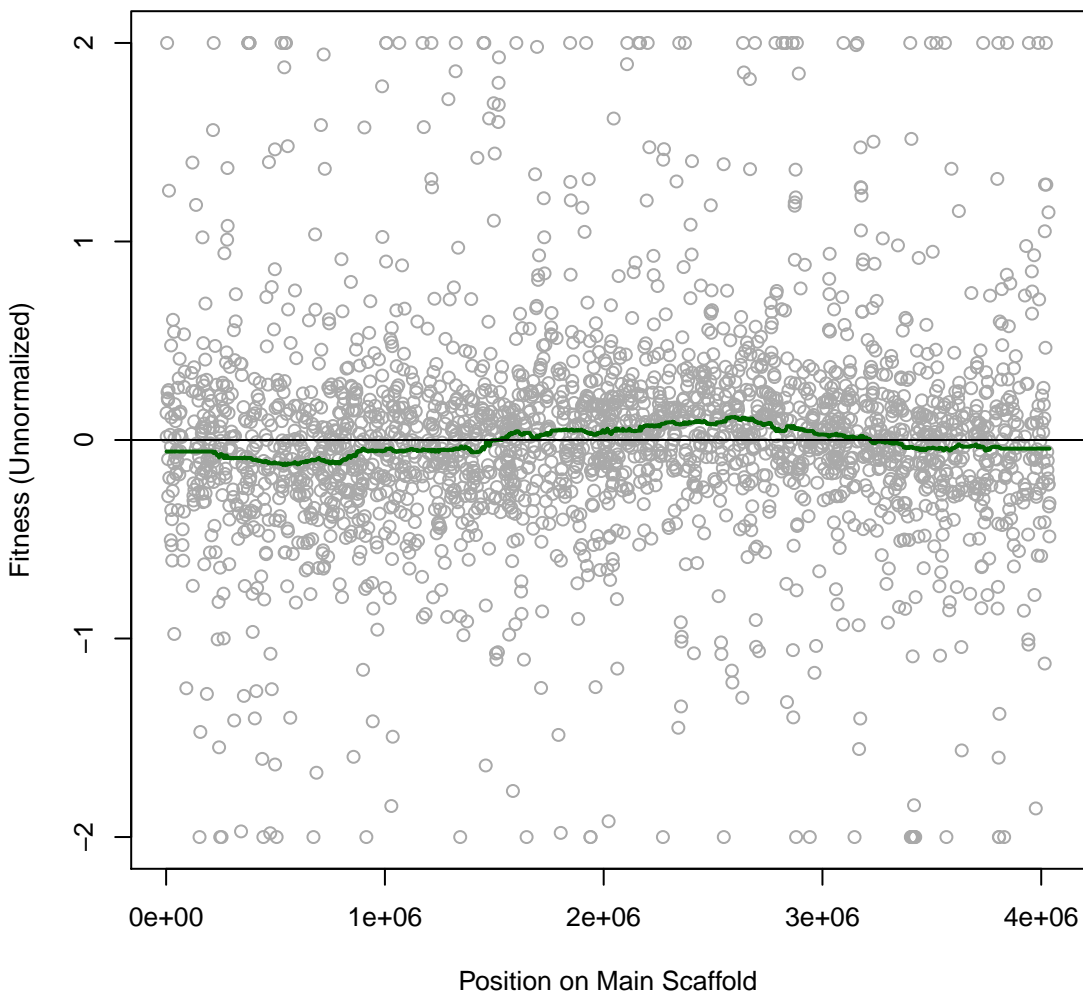
**Miya 2IT017 #52 (gMed=381 rho12=0.136)**  
**MoYLS4 with Polymyxin B sulfate 0.25 mg/ml**



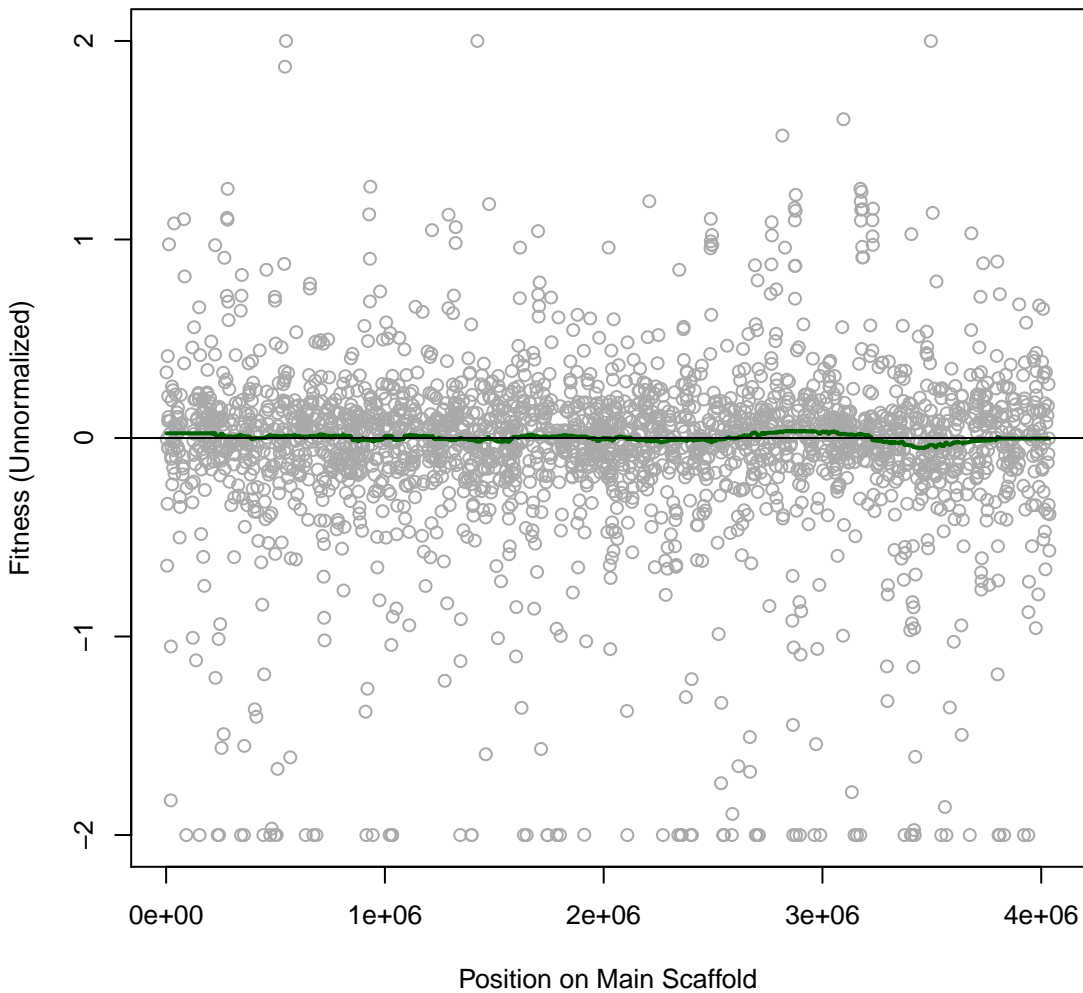
**Miya 2IT018 #53 (gMed=452 rho12=0.474)**  
**MoYLS4 with Polymyxin B sulfate 0.1 mg/ml**



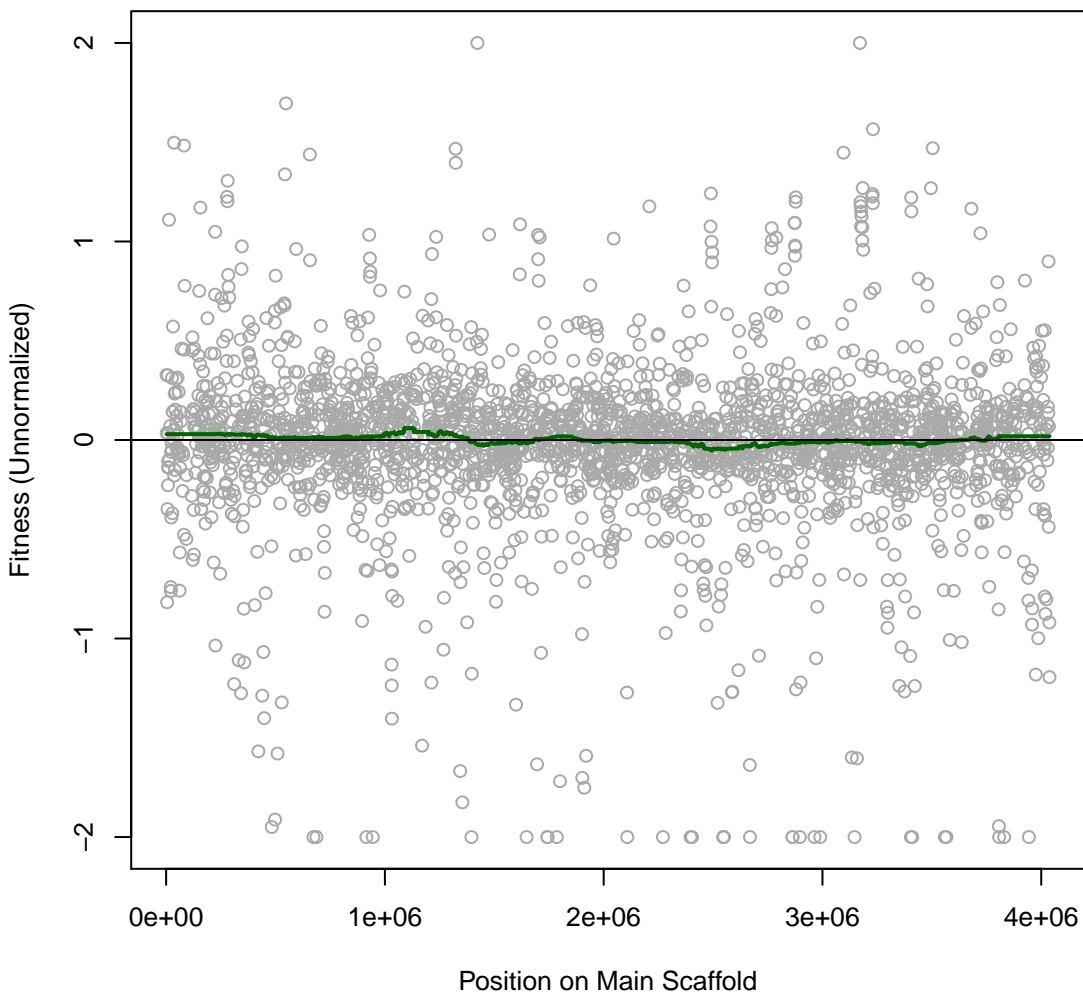
**Miya 2IT019 #54 (gMed=447 rho12=0.358)**  
**MoYLS4 with Polymyxin B sulfate 0.125 mg/ml**



**Miya 2IT020 #55 (gMed=547 rho12=0.413)**  
**MoYLS4 with Polymyxin B sulfate 0.0625 mg/ml**

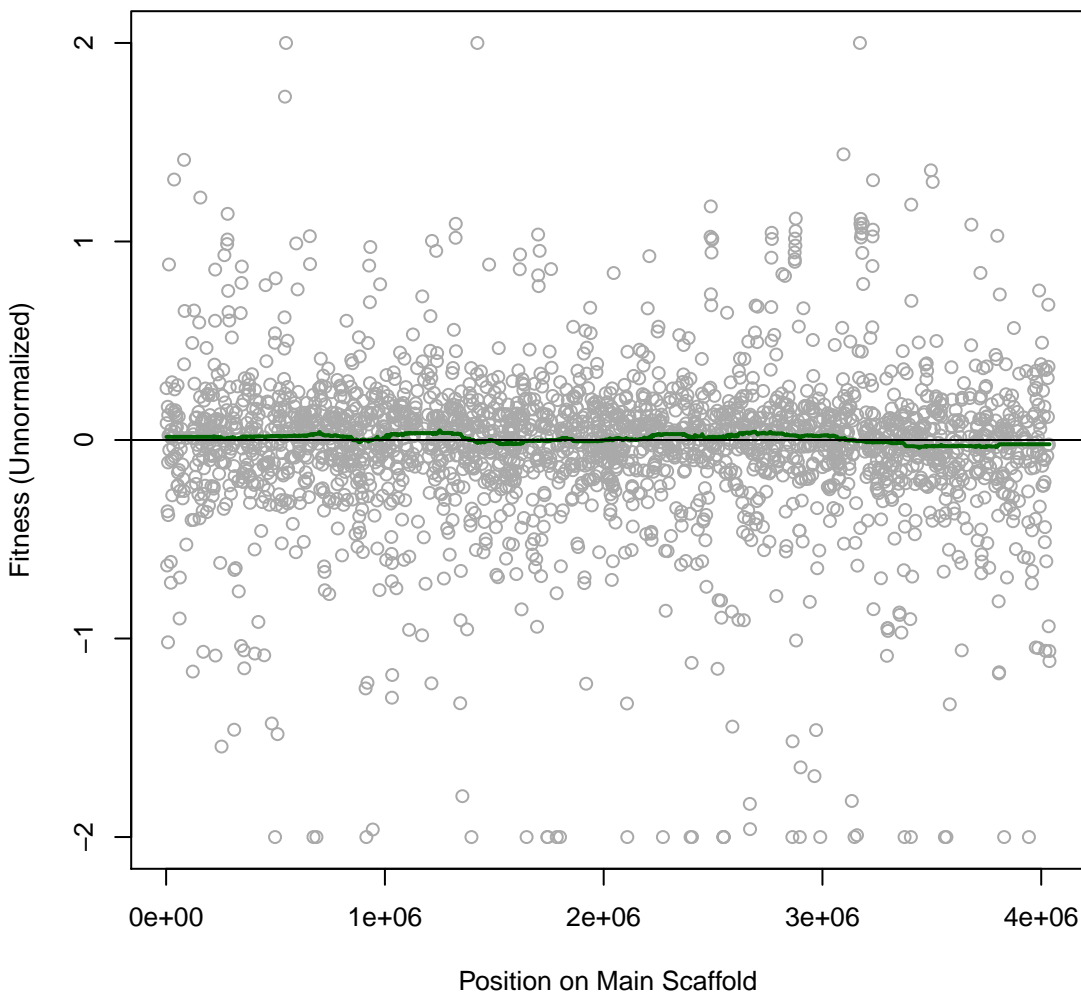


**Miya 2IT021 #56 (gMed=544 rho12=0.361)**  
**MoYLS4 with Chloride 125 mM**

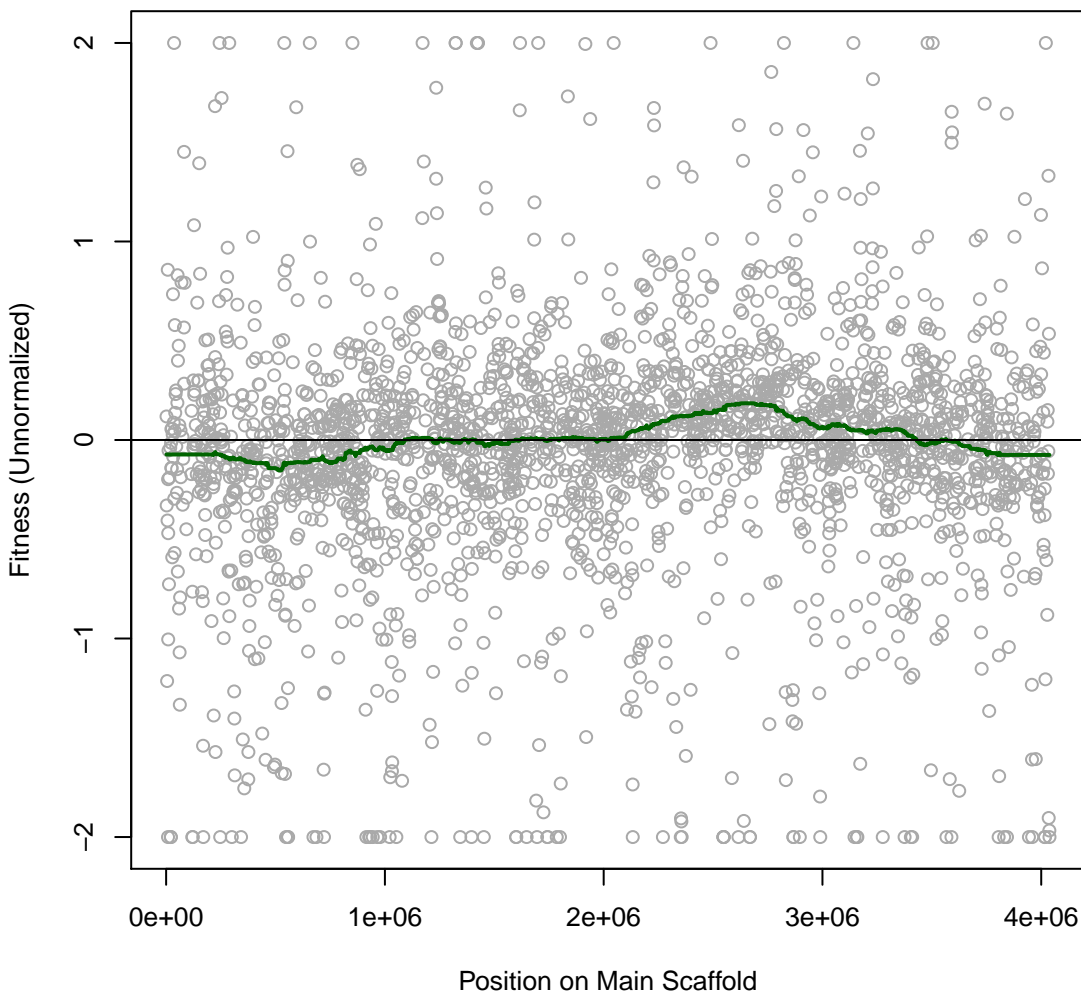




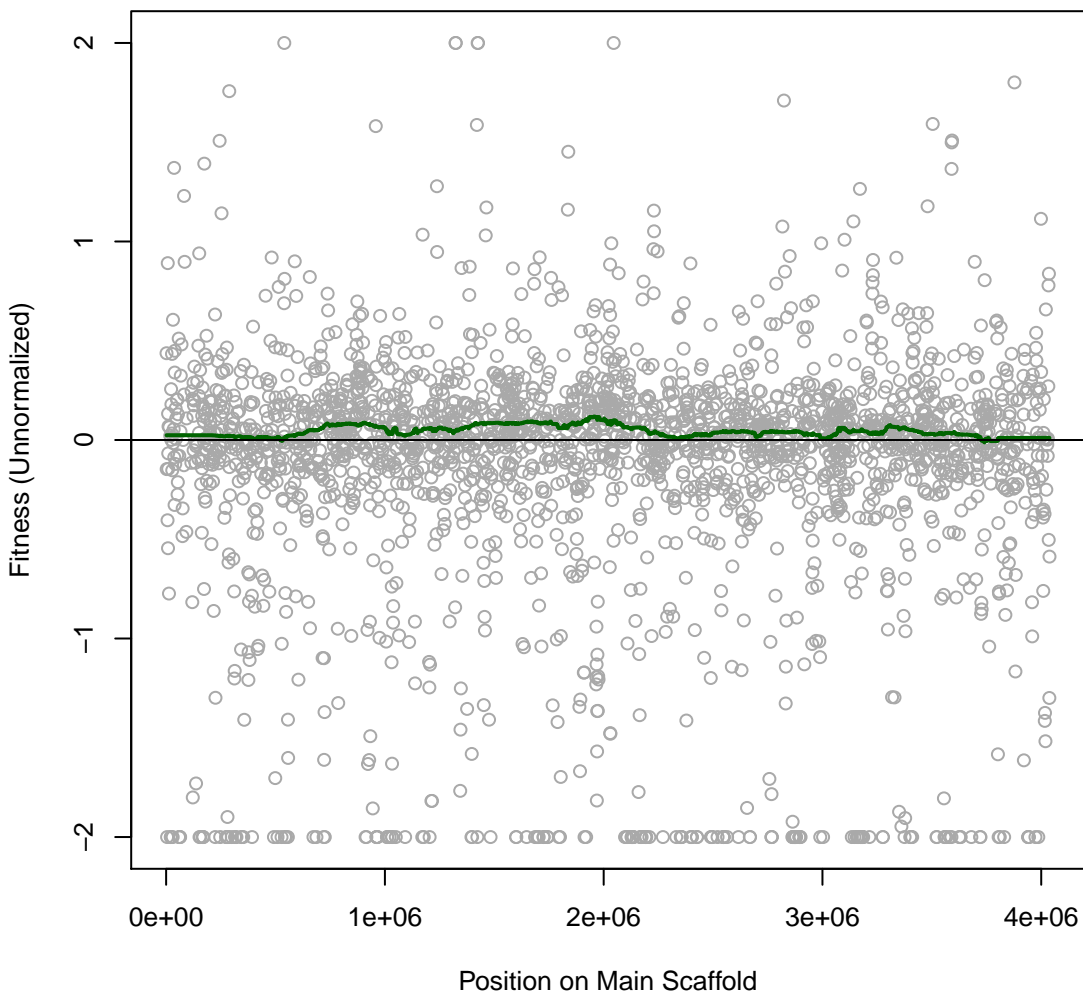
**Miya 2IT022 #57 (gMed=564 rho12=0.385)**  
**MoYLS4 with Chloride 62.5 mM**



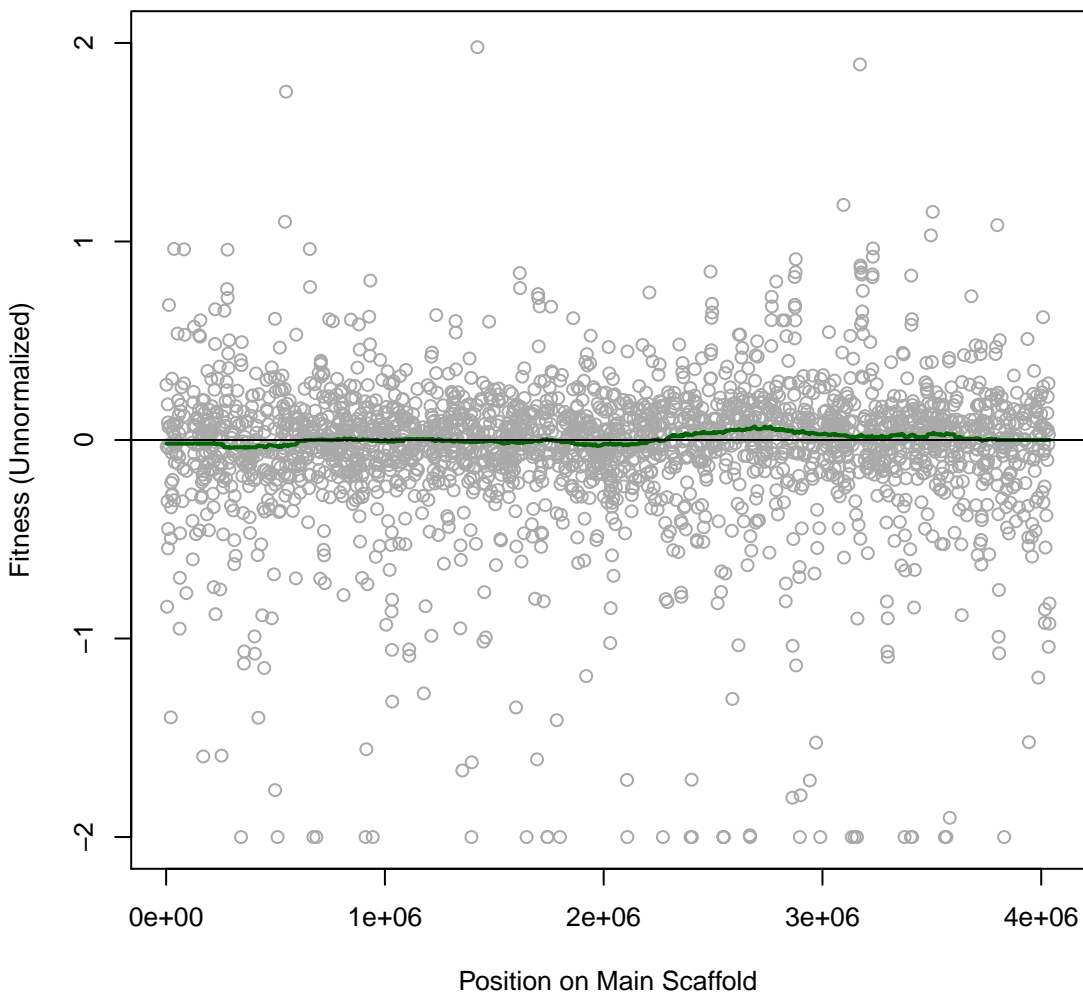
**Miya 2IT023 #58 (gMed=295 rho12=0.393)**  
**3 days starvation**



**Miya 2IT024 #59 (gMed=499 rho12=0.555)**  
**6 days starvation**

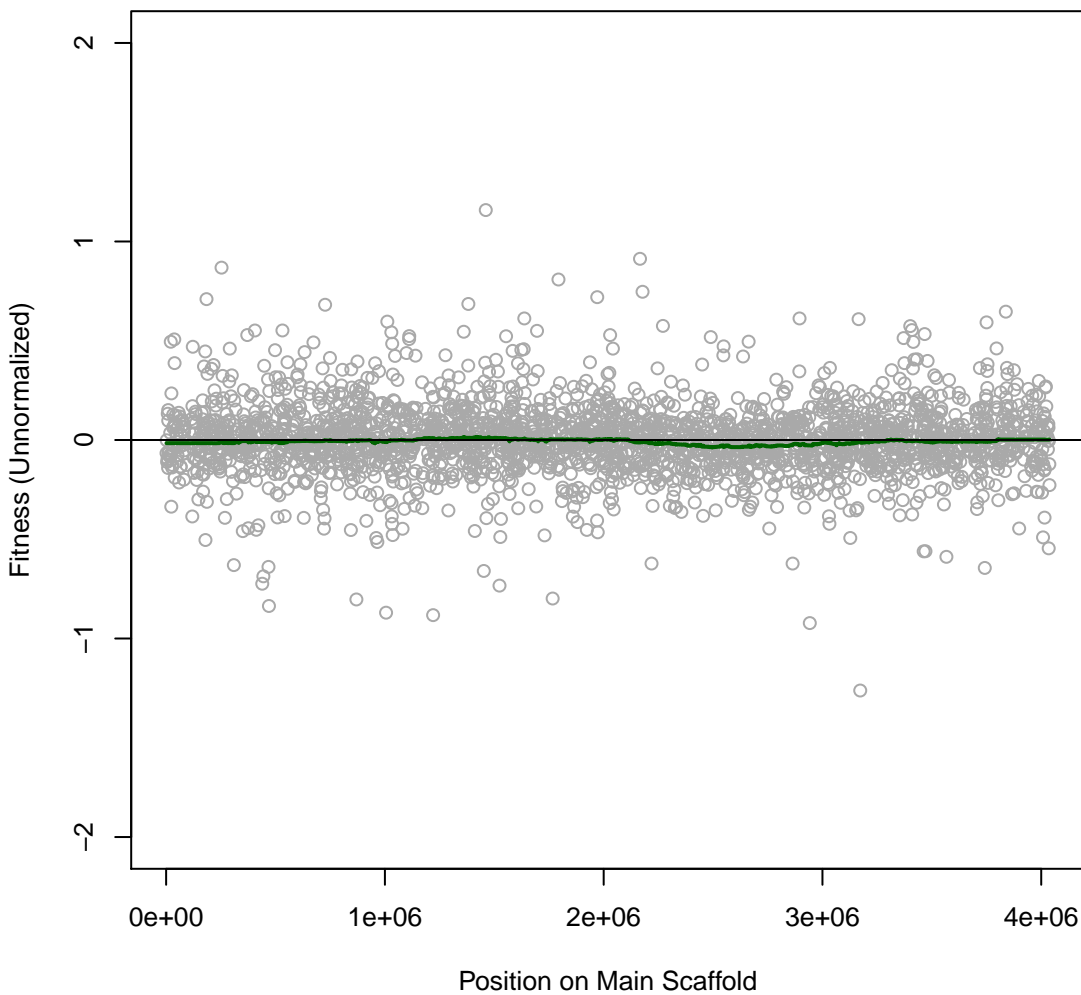


**Miya 2IT025 #60 (gMed=585 rho12=0.316)**  
**rich MoYLS4**



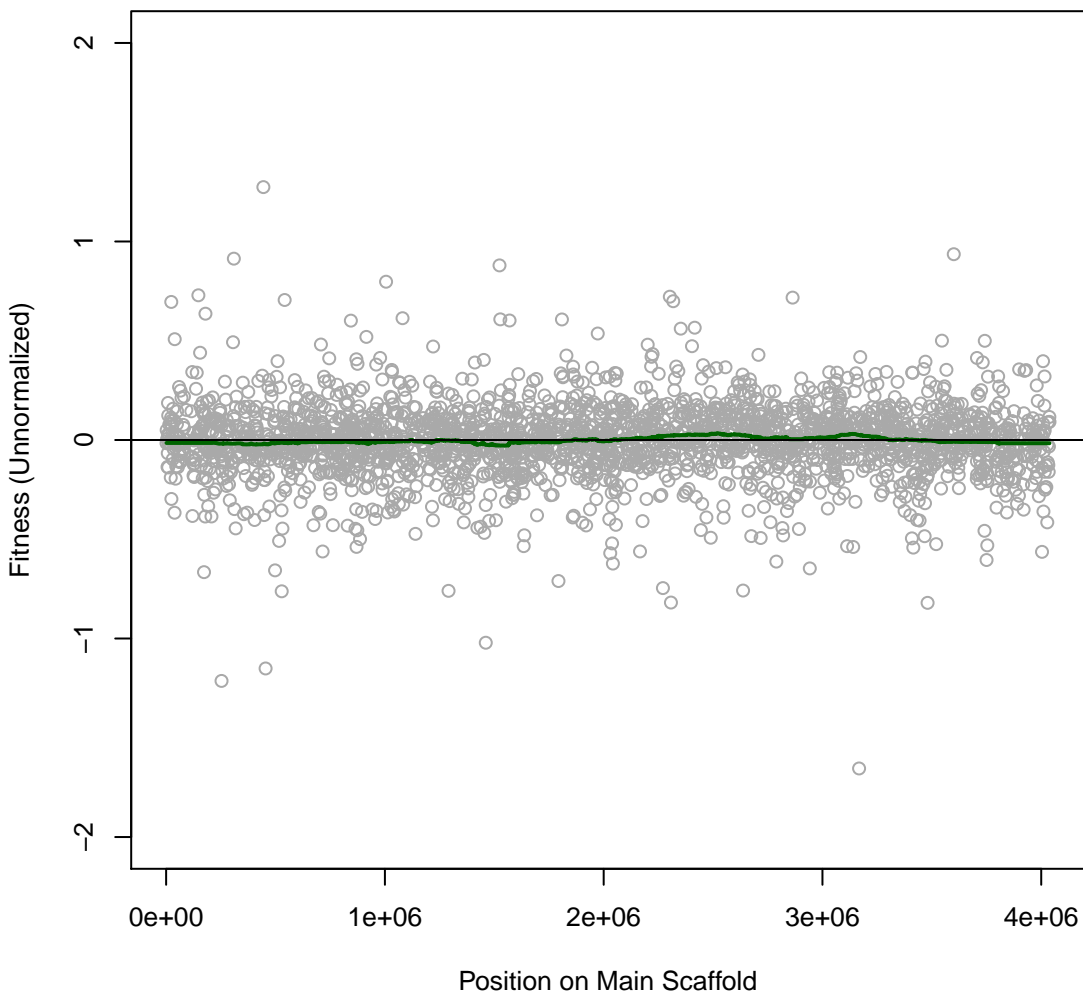
Miya 2IT029 #61 (gMed=646 rho12=0.014)

Time0

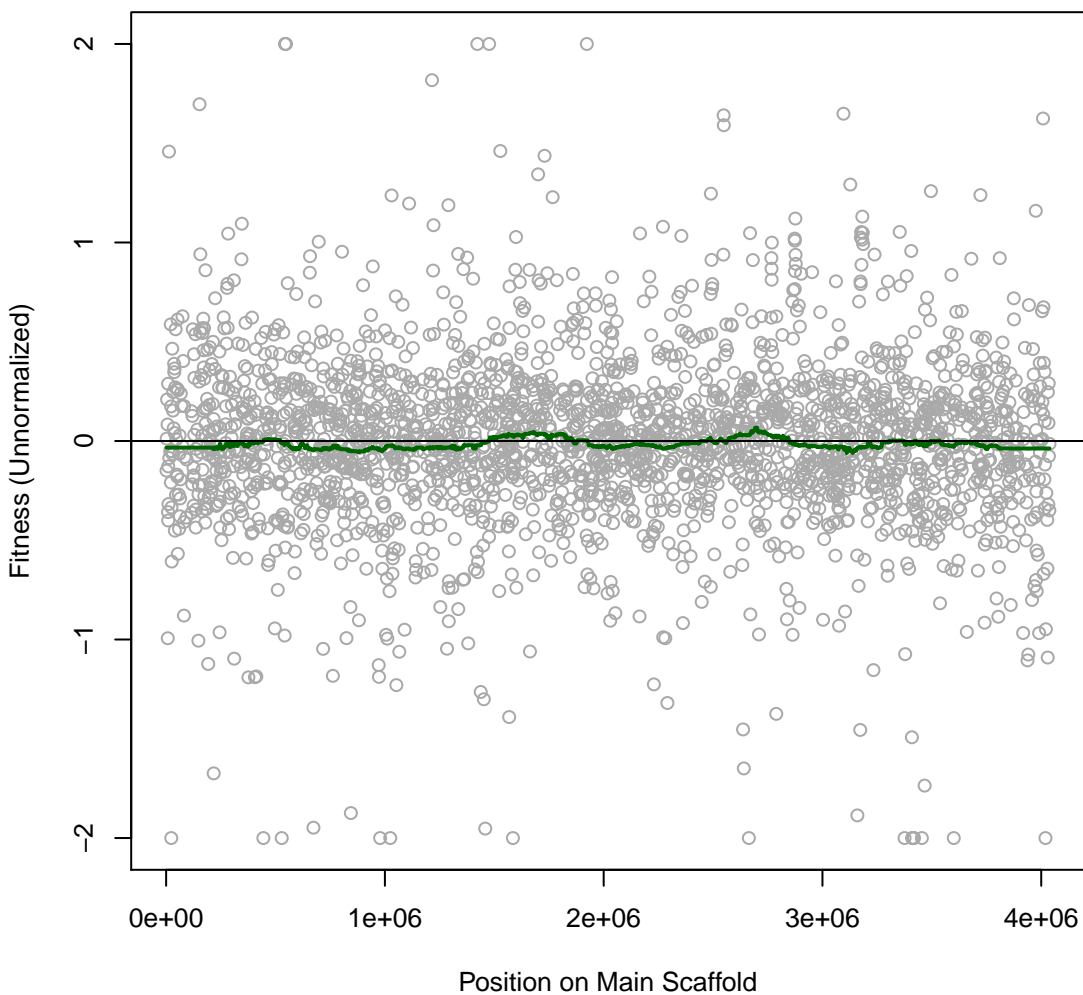


**Miya 2IT041 #62 (gMed=576 rho12=-0.007)**

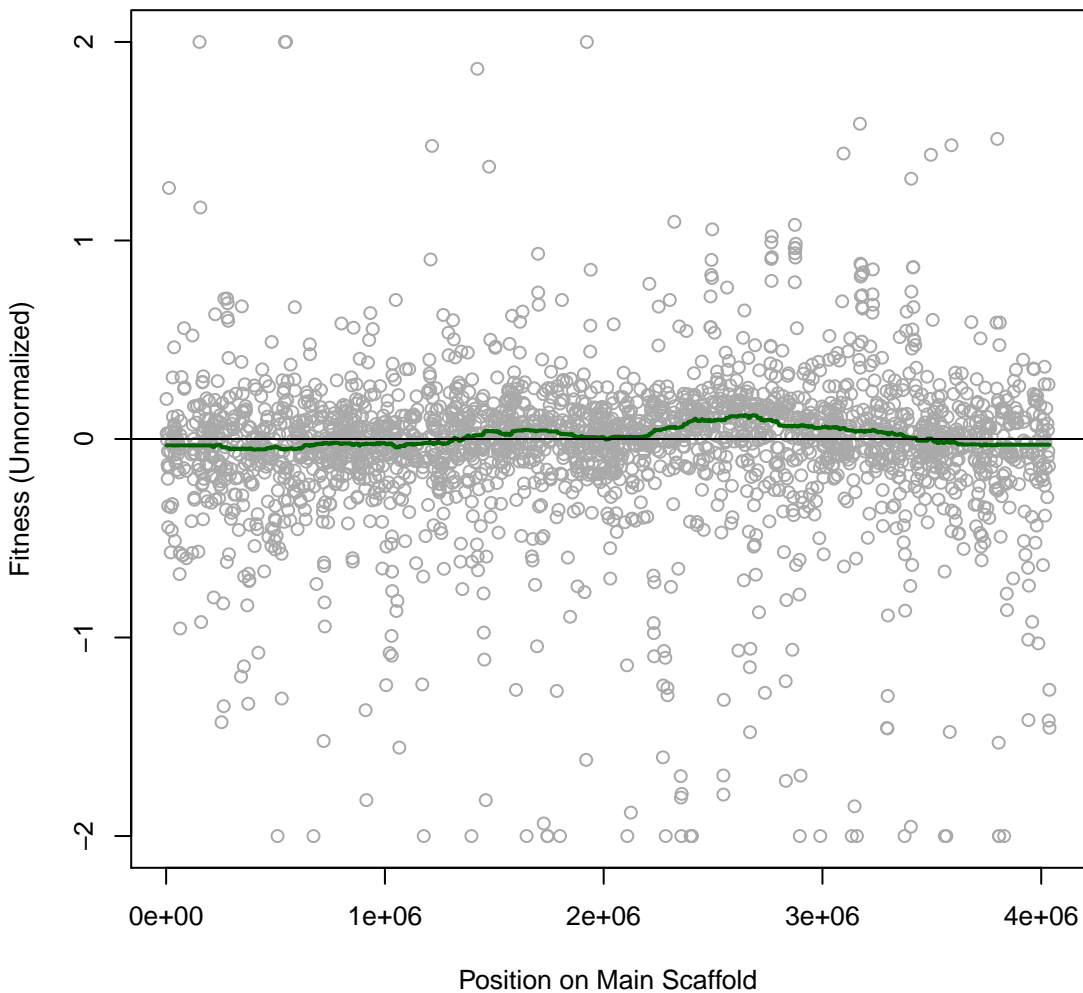
**Time0**



**Miya 3IT049 #63 (gMed=477 rho12=0.119)**  
**MoYLS4 with Aluminum chloride 10 mM**

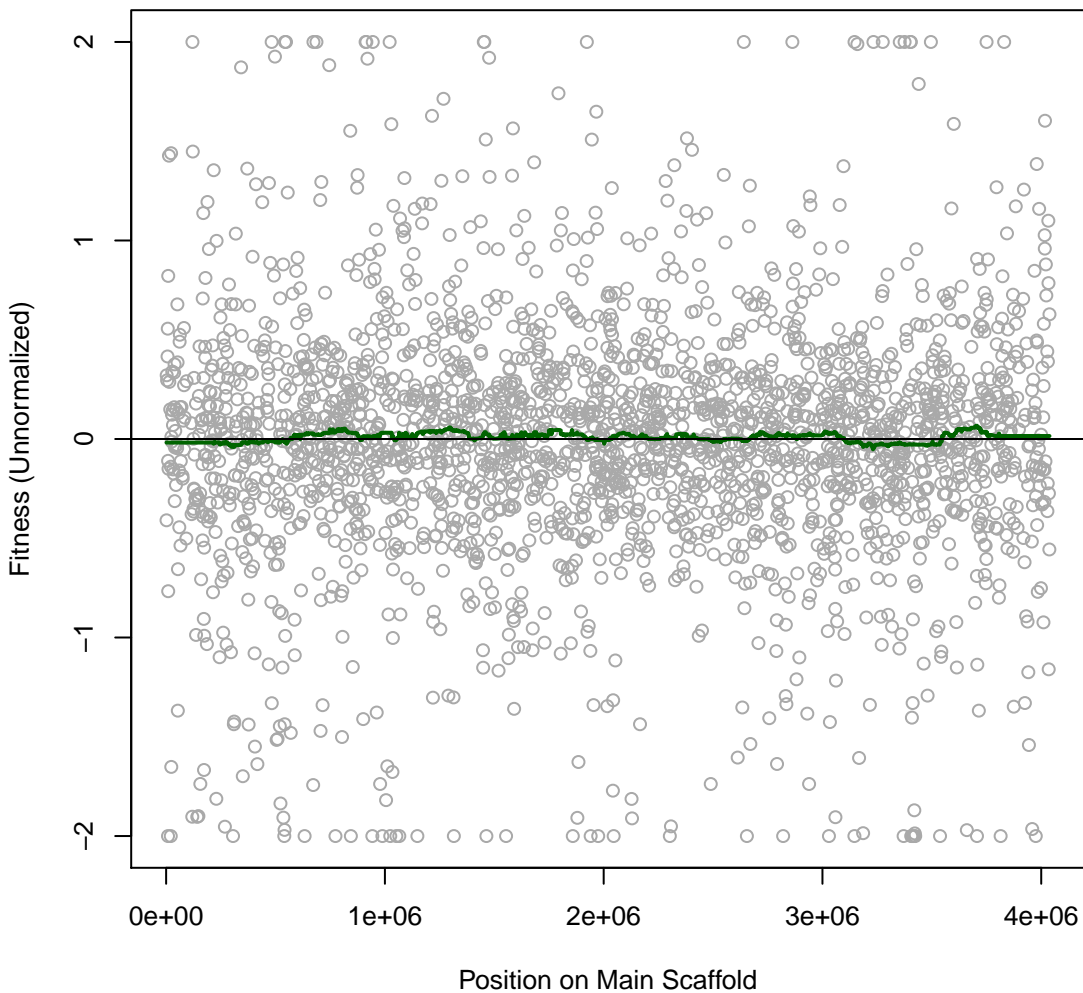


**Miya 3IT050 #64 (gMed=719 rho12=0.428)**  
**MoYLS4 with Aluminum chloride 5 mM**

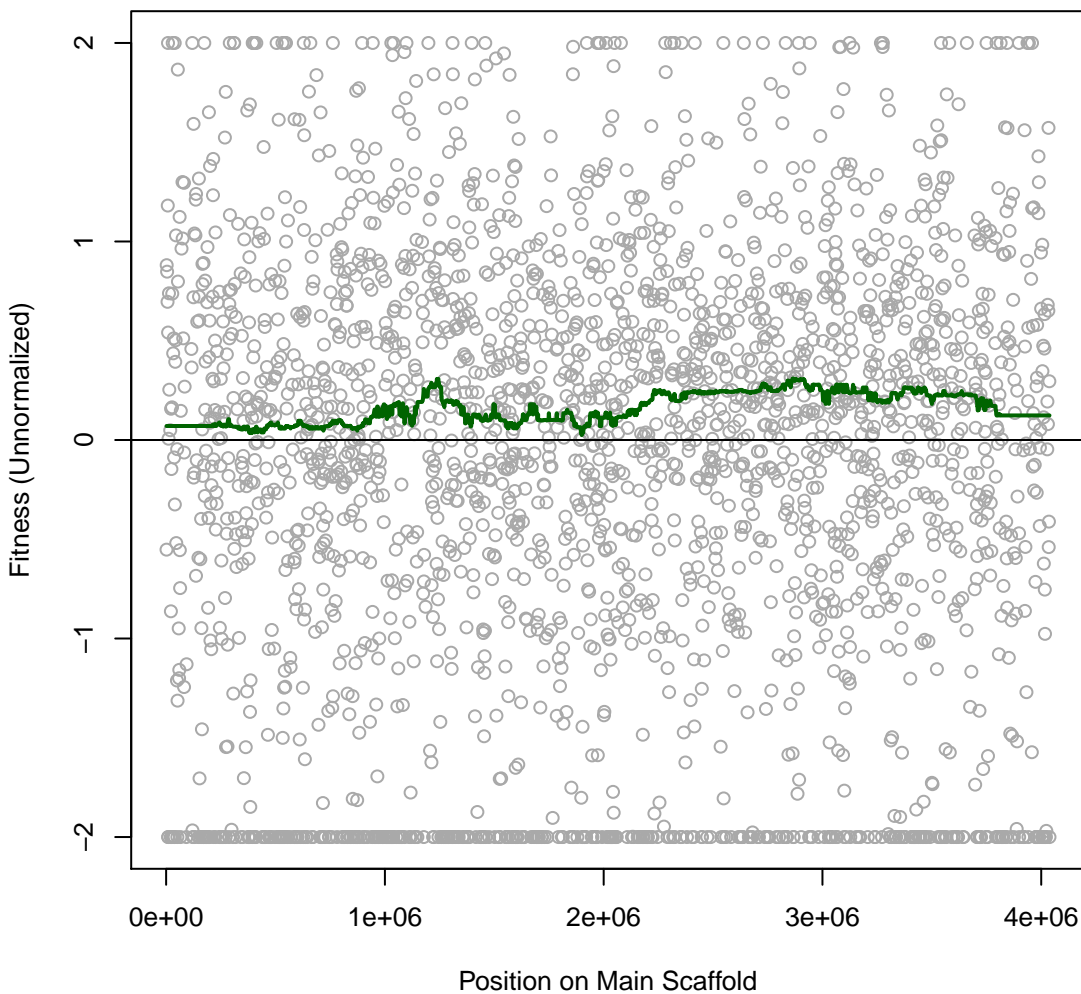




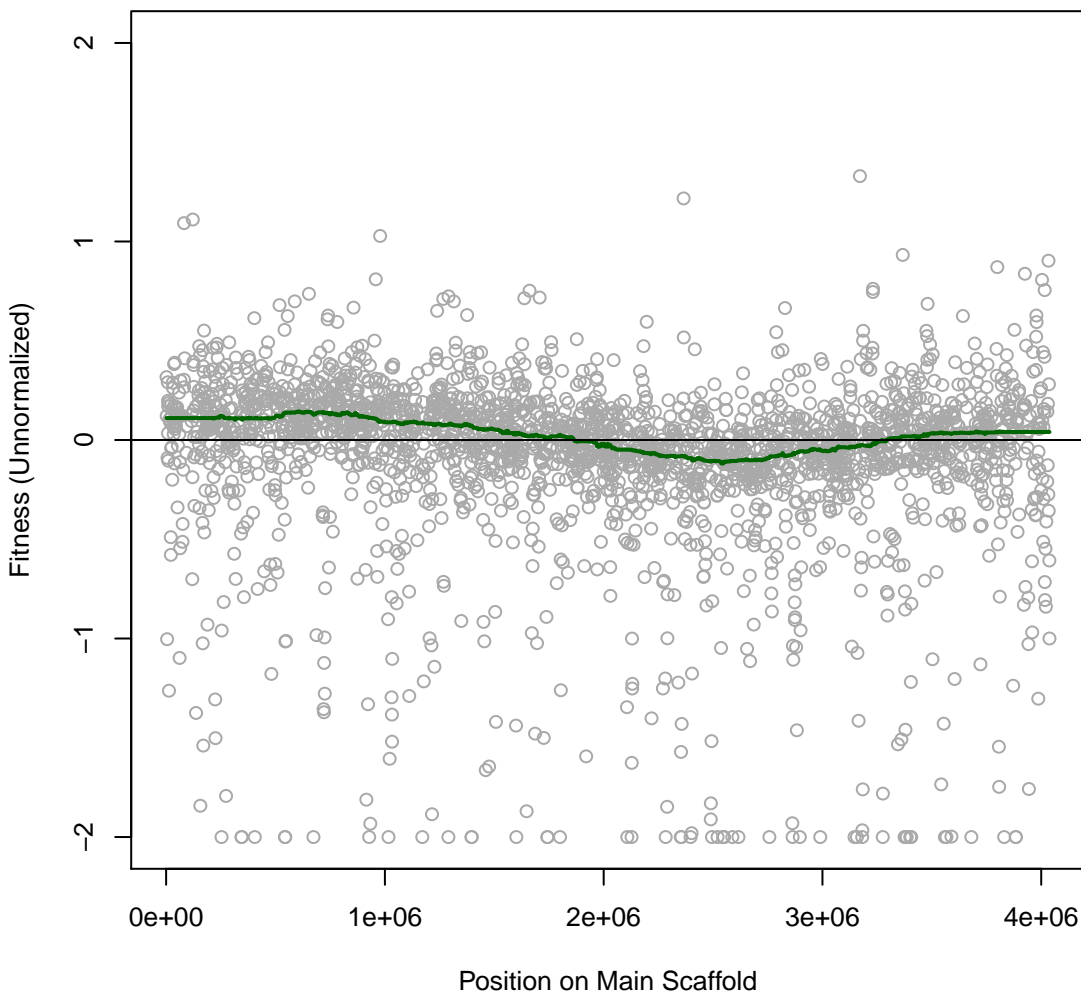
**Miya 3IT051 #65 (gMed=42 rho12=0.093)**  
**MoYLS4 with Benzethonium chloride 0.025 mM**



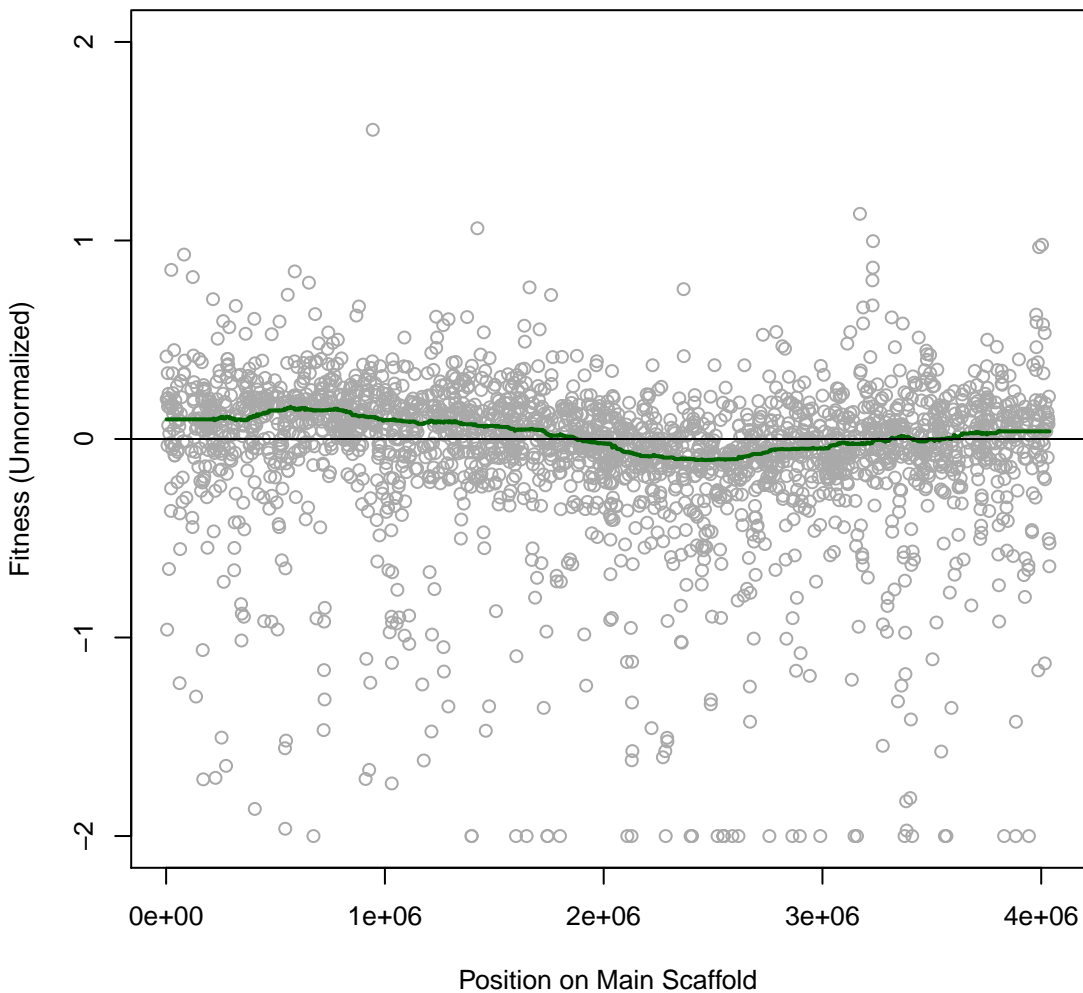
**Miya 3IT052 #66 (gMed=87 rho12=0.010)**  
**MoYLS4 with Benzethonium chloride 0.015625 mM**



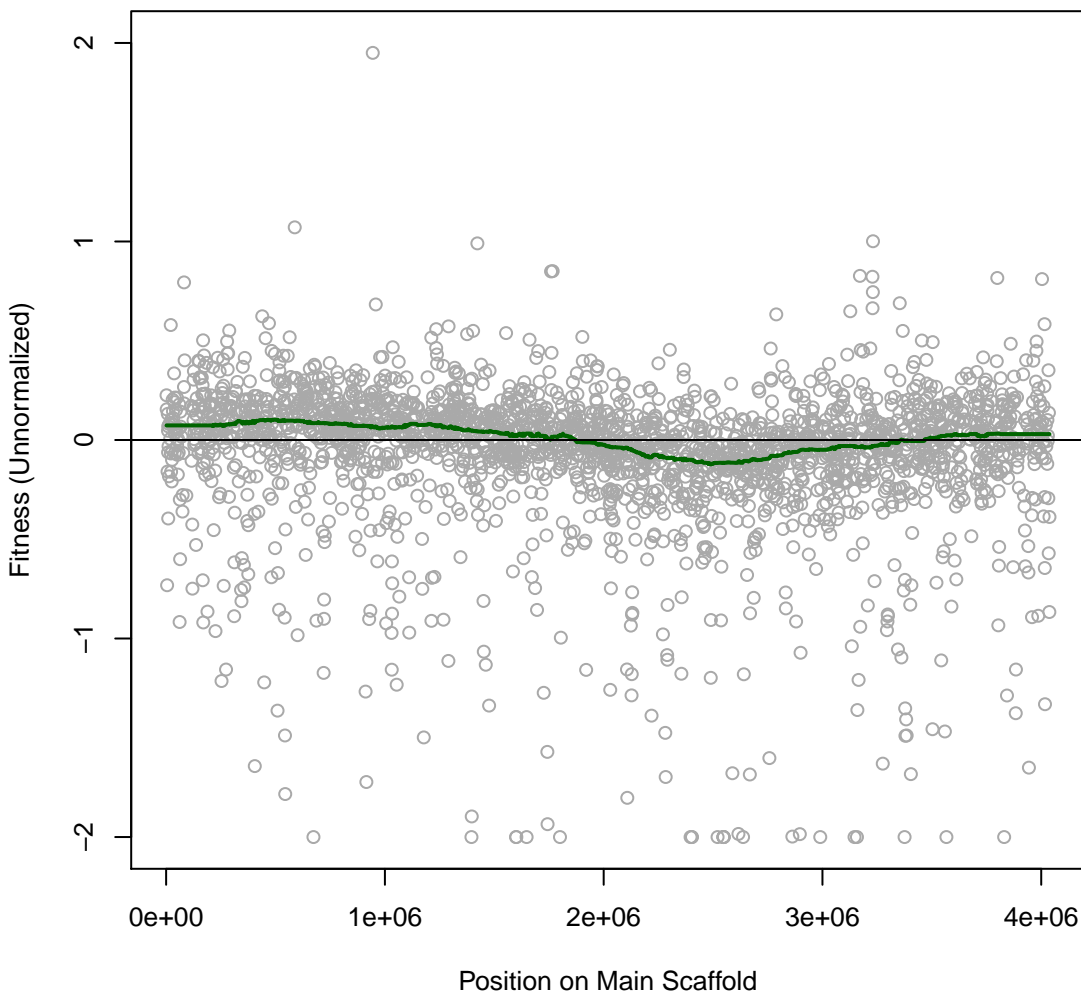
**Miya 3IT053 #67 (gMed=805 rho12=0.457)**  
**MoYLS4 with benzoic 0.8 mg/ml**



**Miya 3IT054 #68 (gMed=766 rho12=0.390)**  
**MoYLS4 with benzoic 0.64 mg/ml**

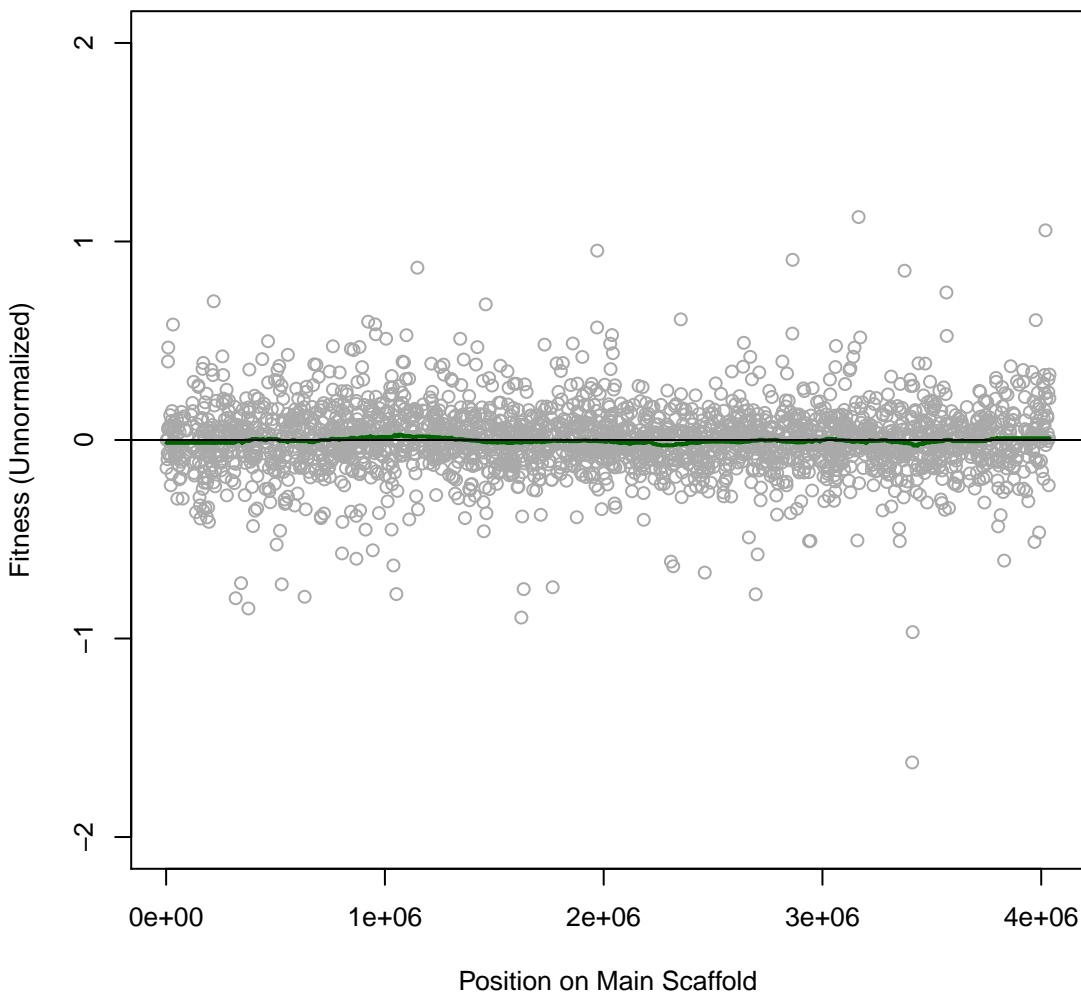


**Miya 3IT055 #69 (gMed=756 rho12=0.341)**  
**MoYLS4 with benzoic 0.54 mg/ml**

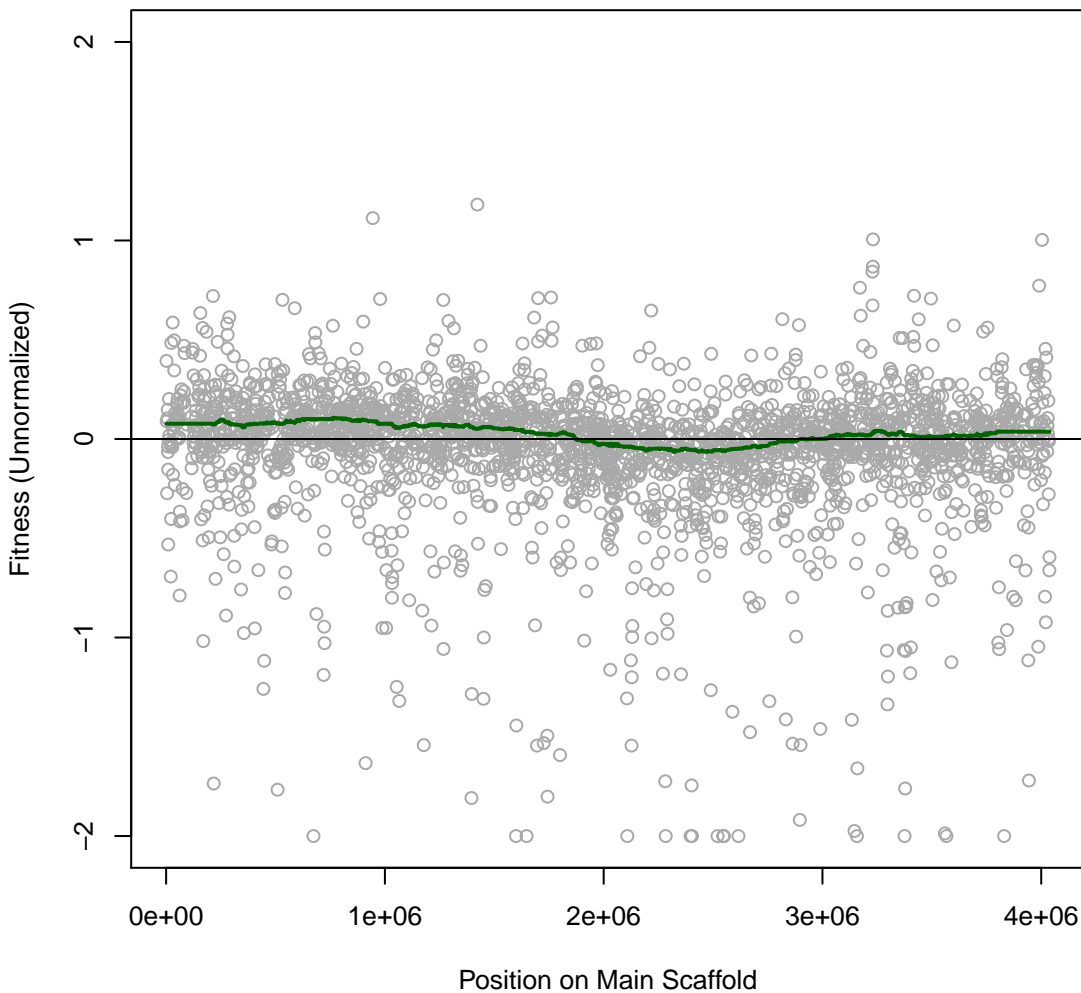


**Miya 3IT056 #70 (gMed=728 rho12=0.024)**

**Time0**

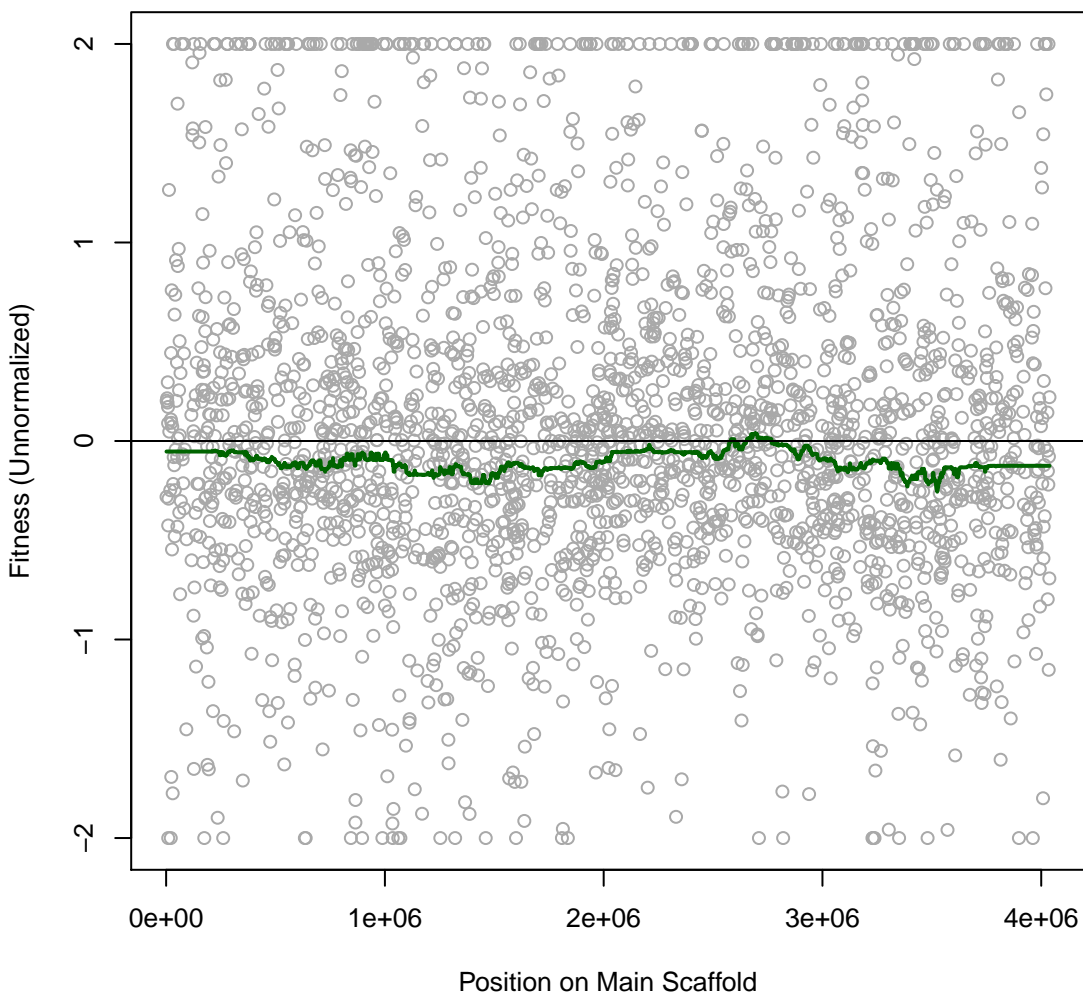


**Miya 3IT057 #71 (gMed=725 rho12=0.344)**  
**MoYLS4 with benzoic 0.25 mg/ml**



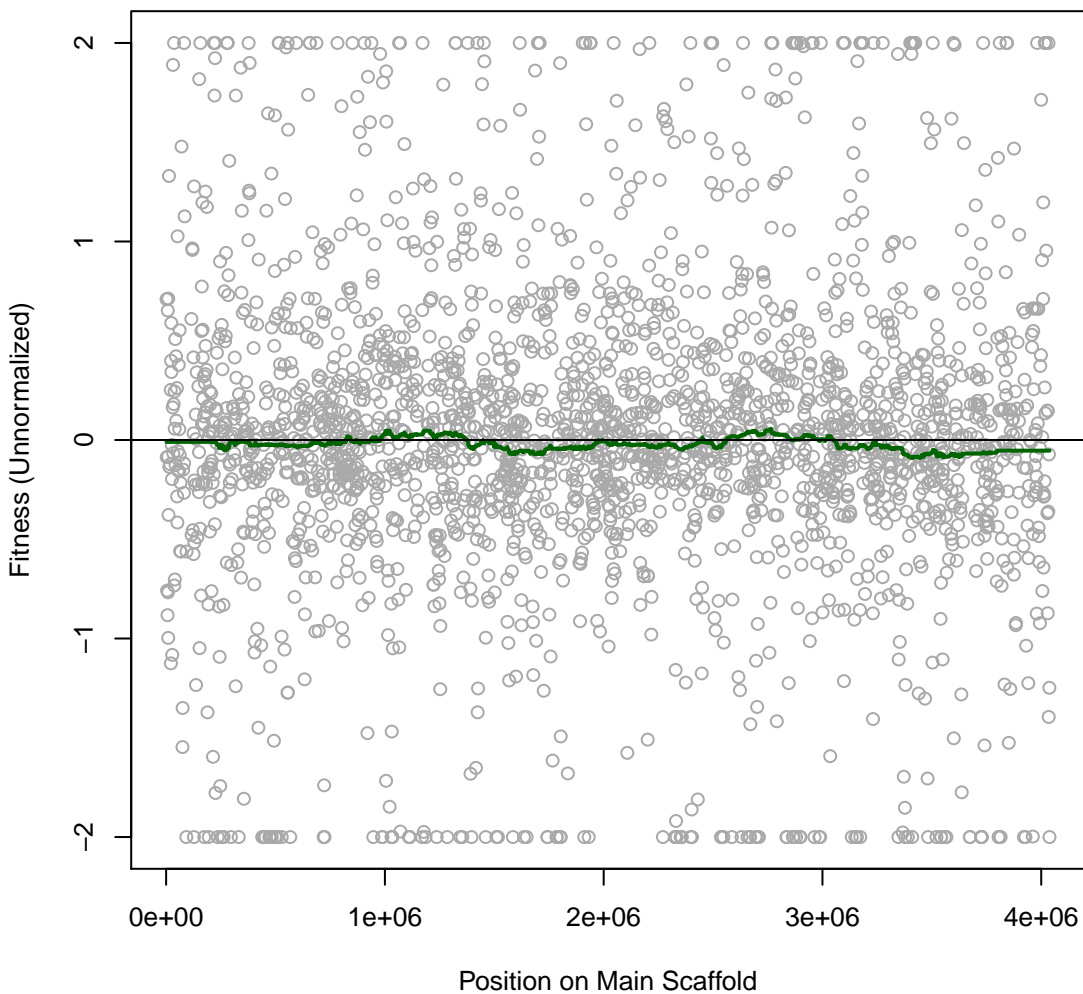
**Miya 3IT058 #72 (gMed=54 rho12=0.225)**

**MoYLS4 with Bacitracin 1.8 mg/ml**

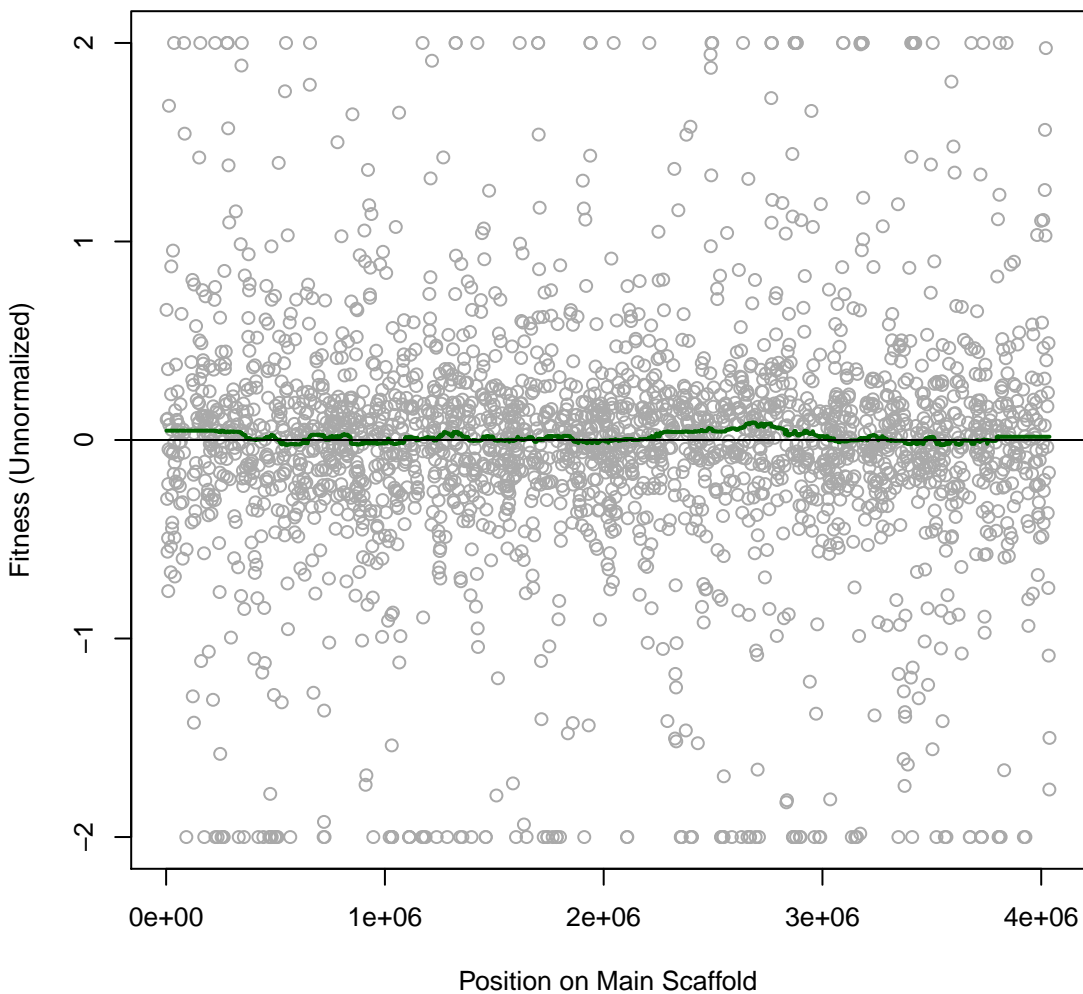




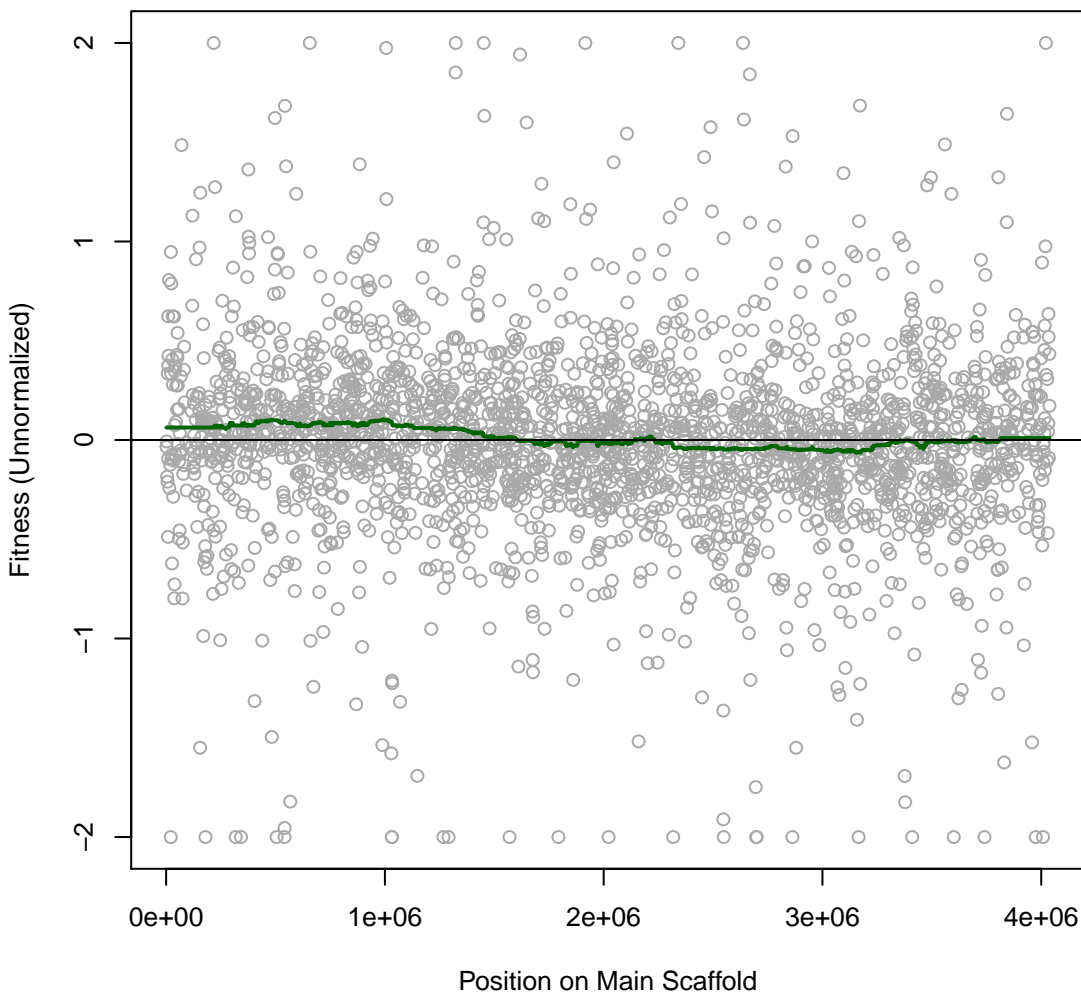
**Miya 3IT059 #73 (gMed=236 rho12=0.449)**  
**MoYLS4 with Bacitracin 1.4 mg/ml**



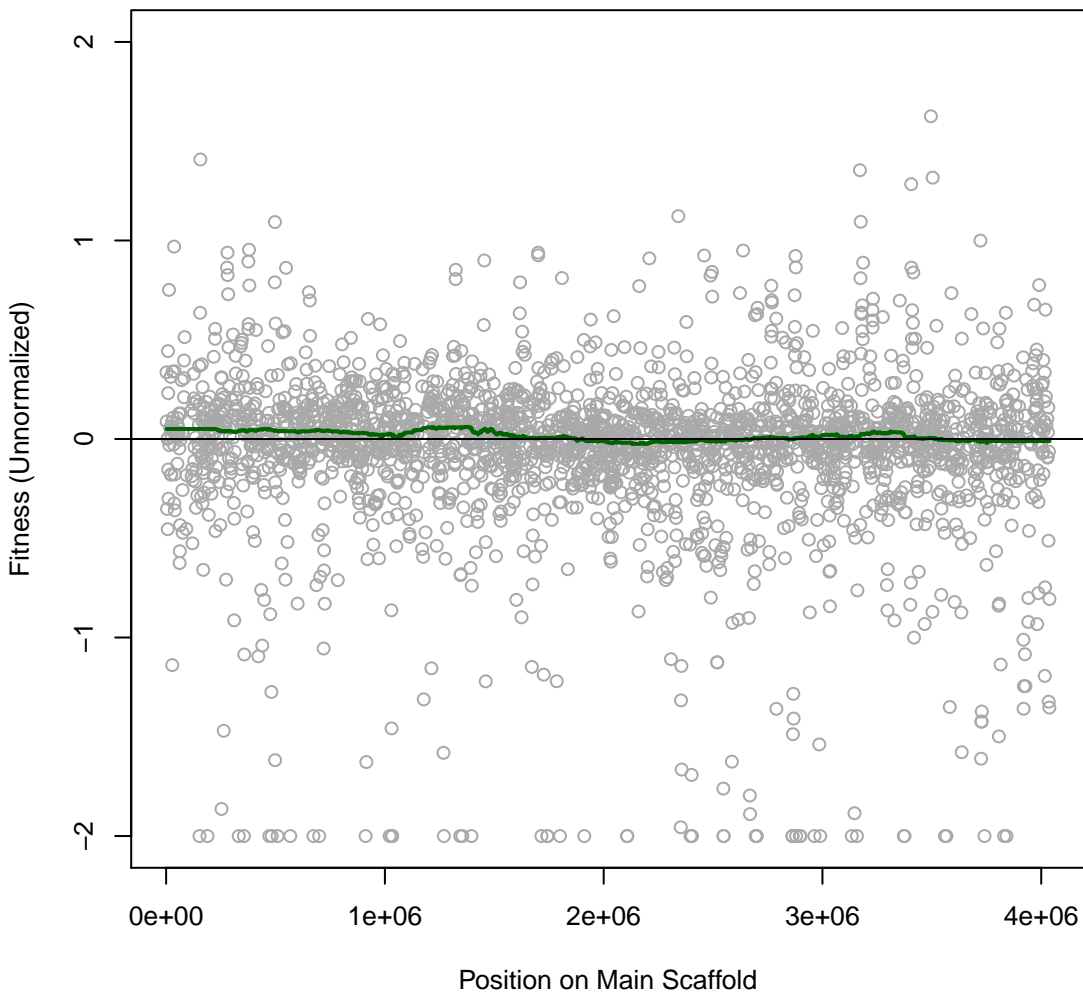
**Miya 3IT060 #74 (gMed=480 rho12=0.478)**  
**MoYLS4 with Bacitracin 1 mg/ml**



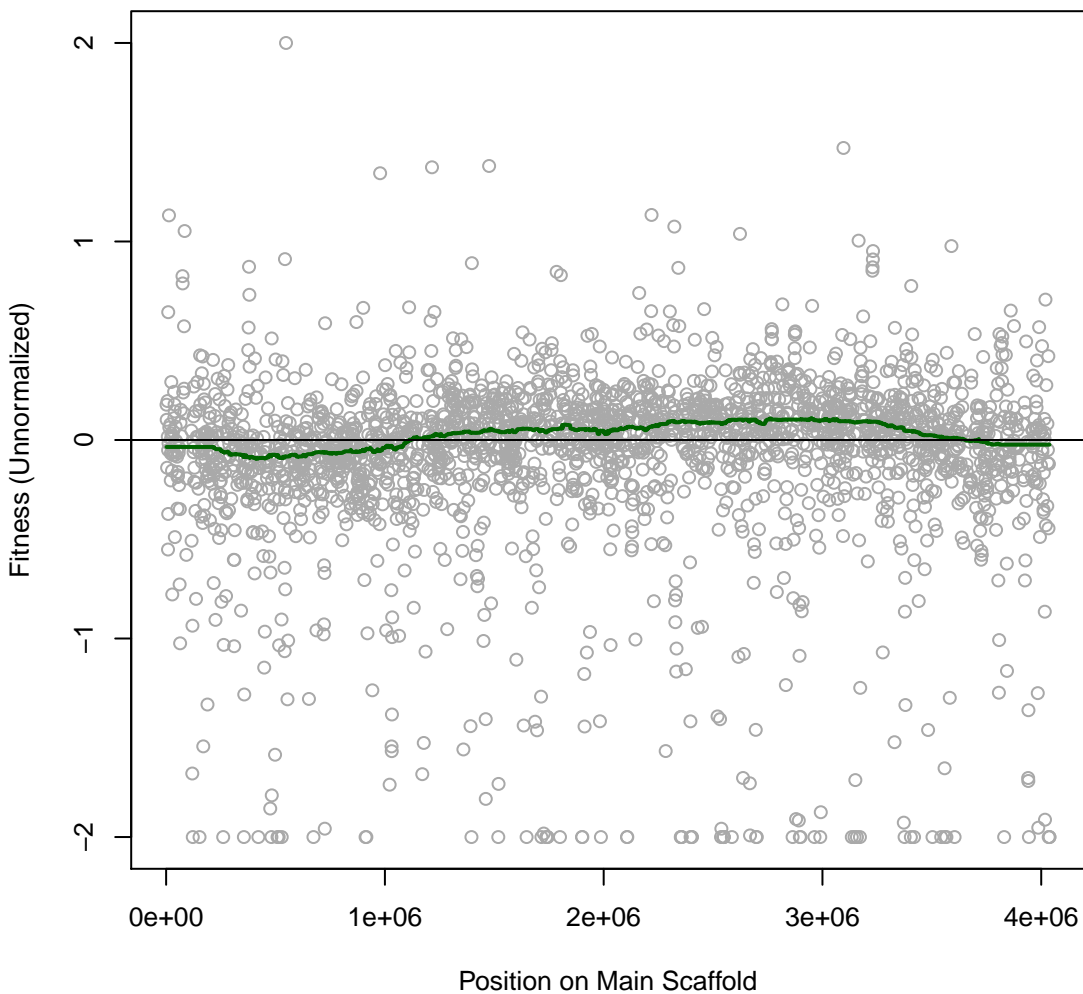
**Miya 3IT061 #75 (gMed=346 rho12=0.154)**  
**MoYLS4 with Fusidic 0.03125 mg/ml**



**Miya 3IT062 #76 (gMed=776 rho12=0.428)**  
**MoYLS4 with Fusidic 0.015625 mg/ml**

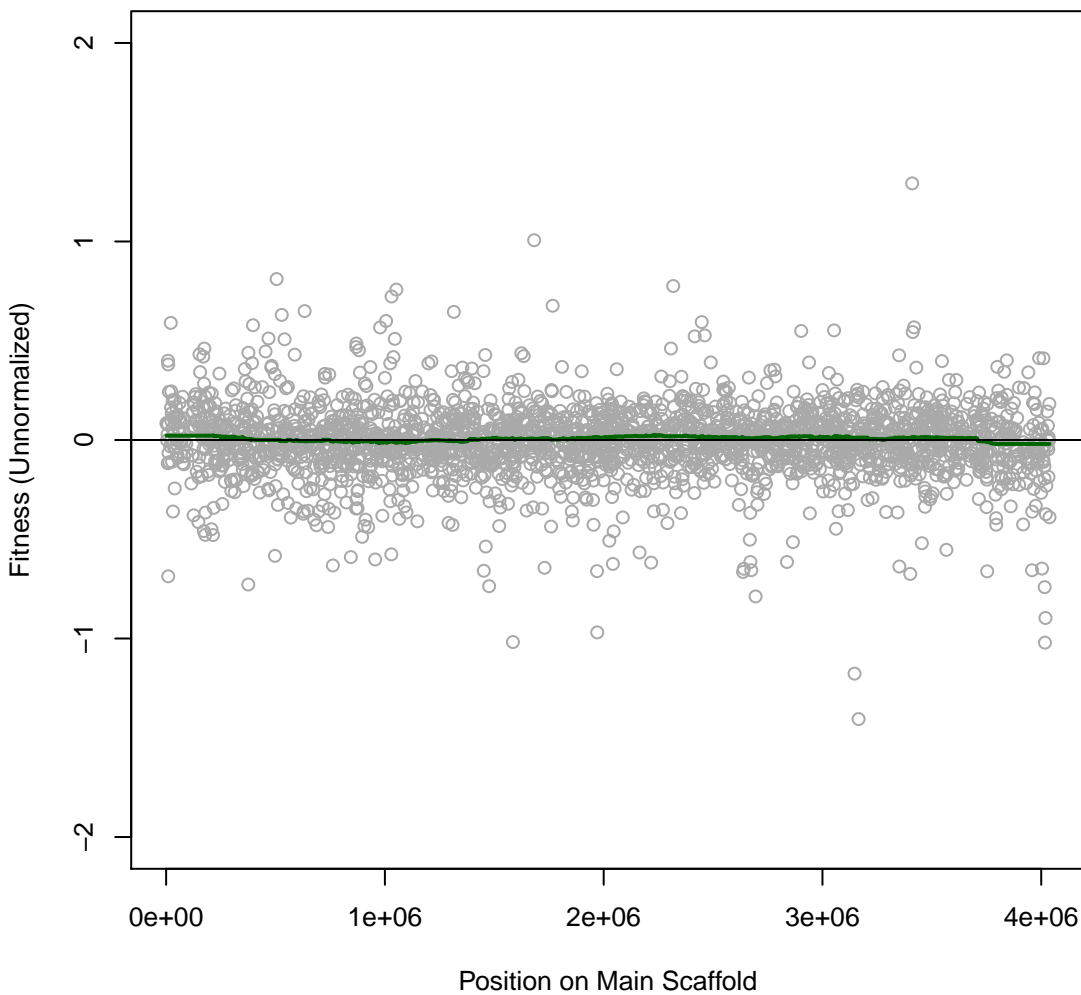


**Miya 3IT063 #77 (gMed=762 rho12=0.424)**  
**MoYLS4 with Dimethyl Sulfoxide 10 %**

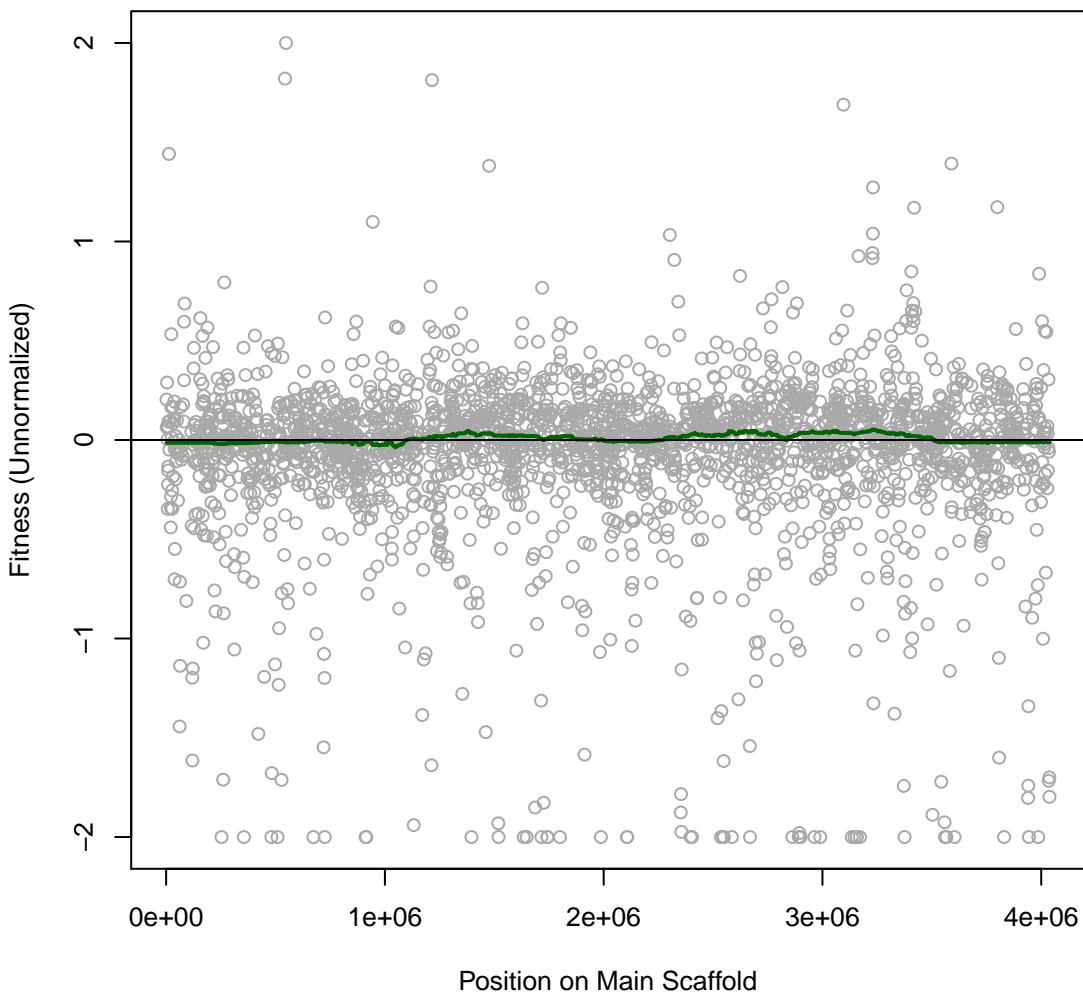


Miya 3IT064 #78 (gMed=617 rho12=0.005)

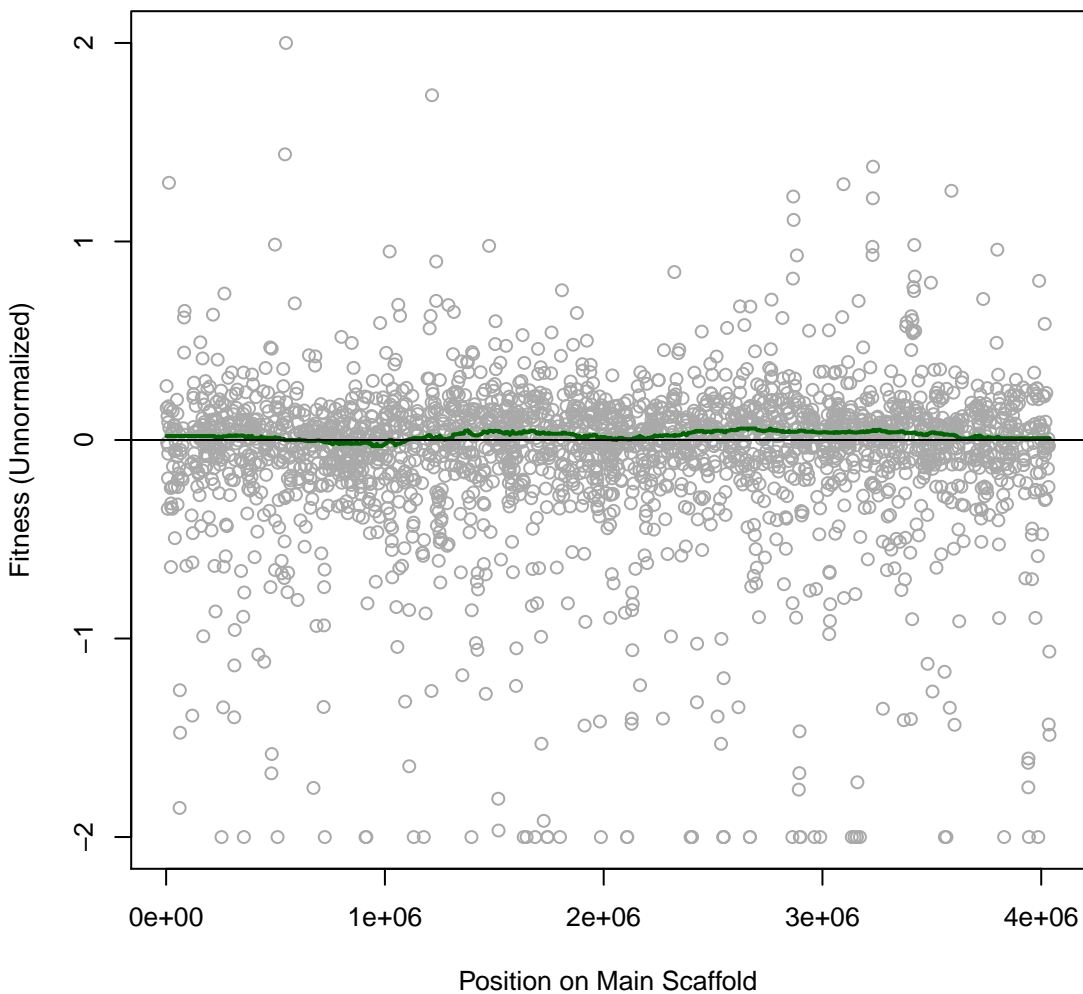
Time0



**Miya 3IT065 #79 (gMed=768 rho12=0.458)**  
**MoYLS4 with Dimethyl Sulfoxide 7.5 %**

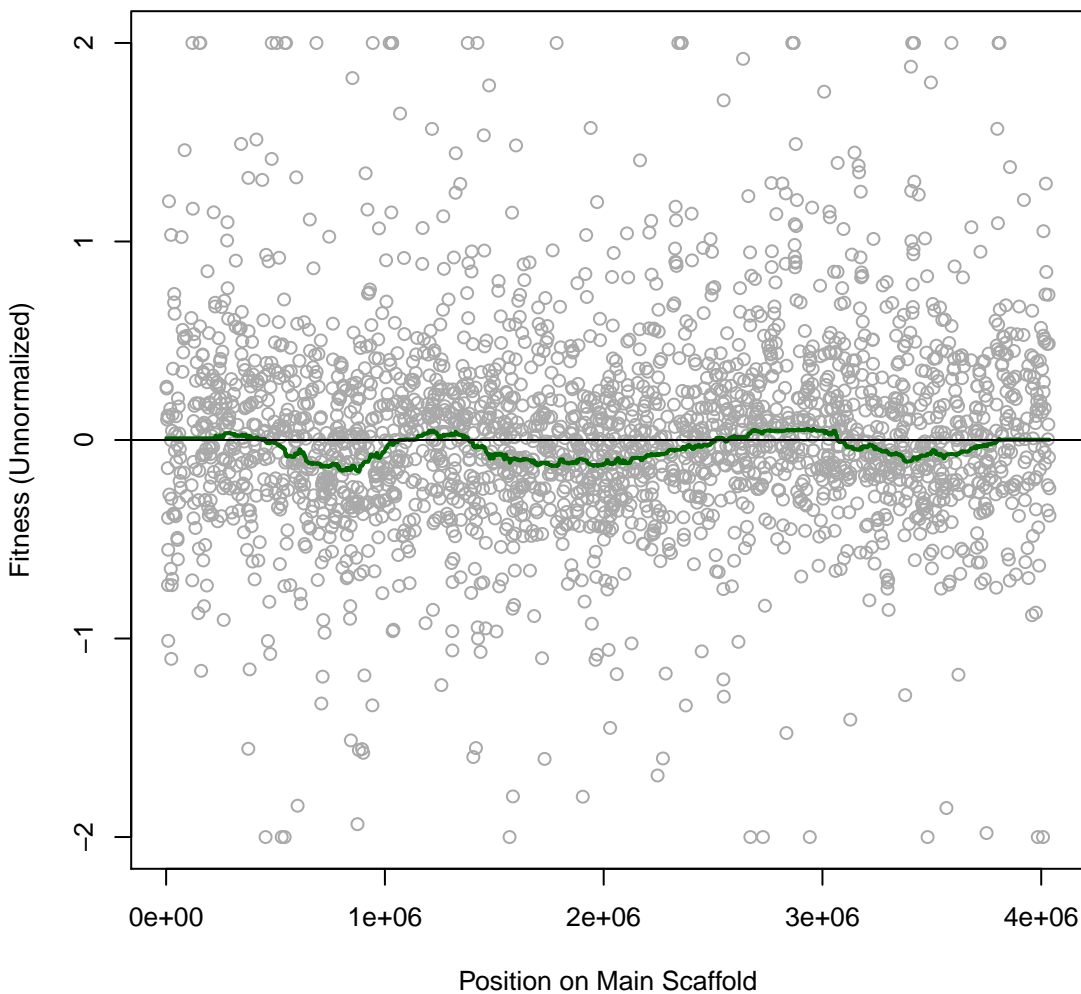


**Miya 3IT066 #80 (gMed=710 rho12=0.413)**  
**MoYLS4 with Dimethyl Sulfoxide 5 %**

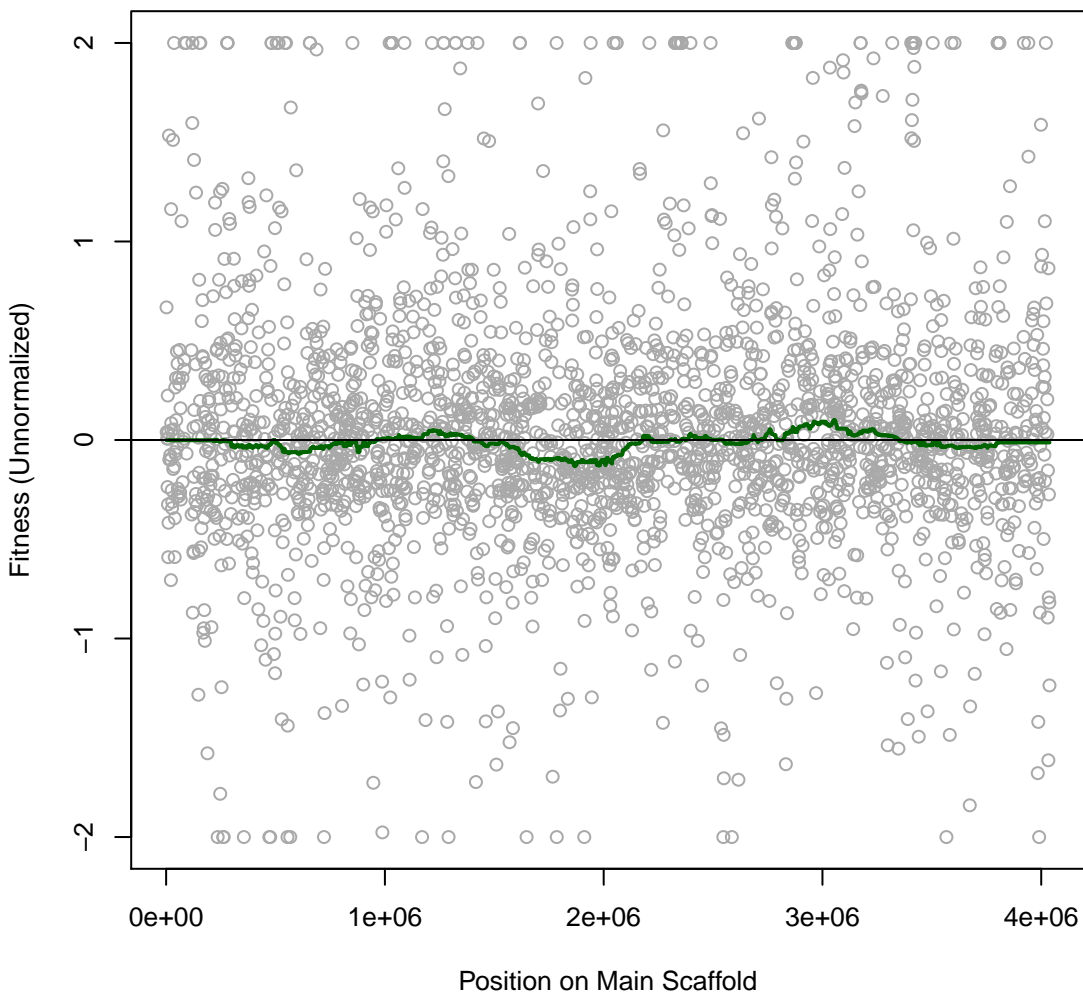




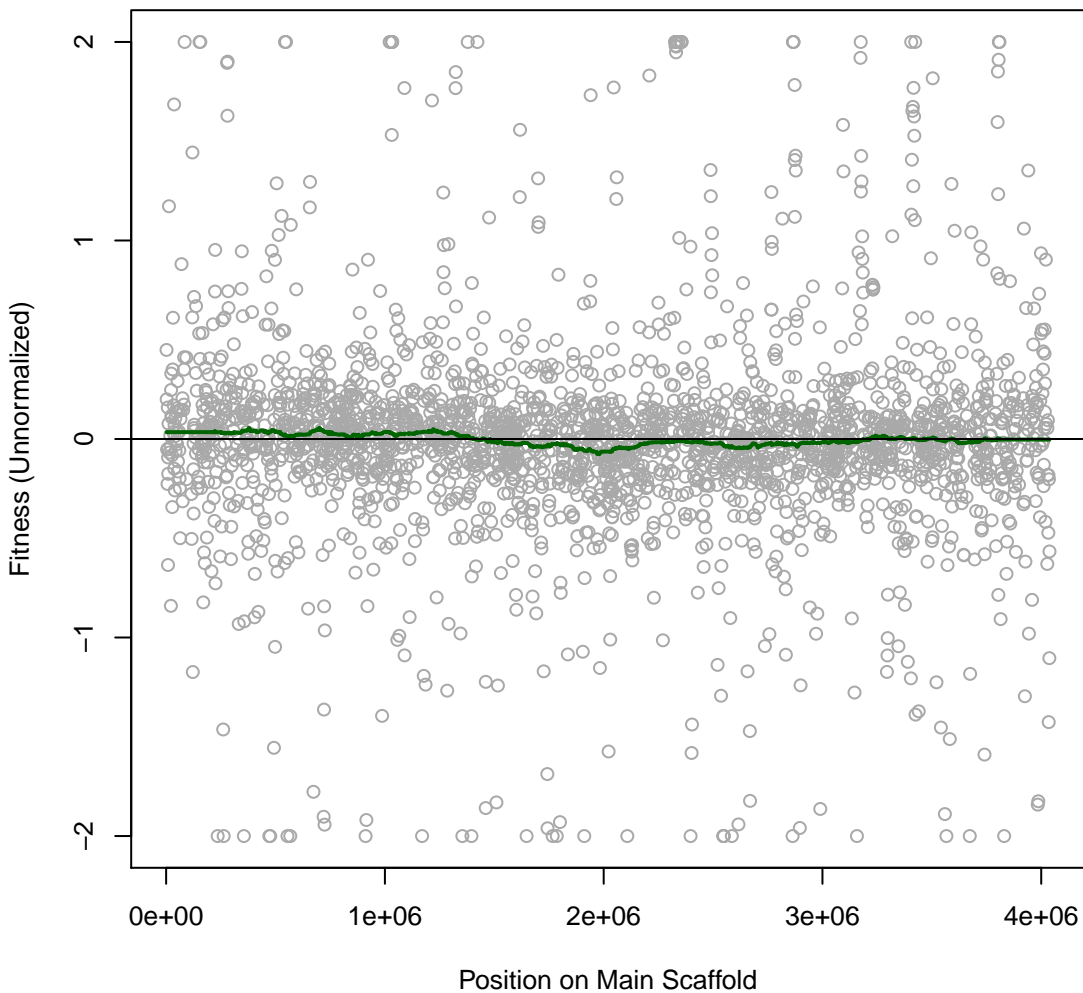
**Miya 3IT067 #81 (gMed=169 rho12=0.201)**  
**MoYLS4 with Vancomycin 1 mg/ml**



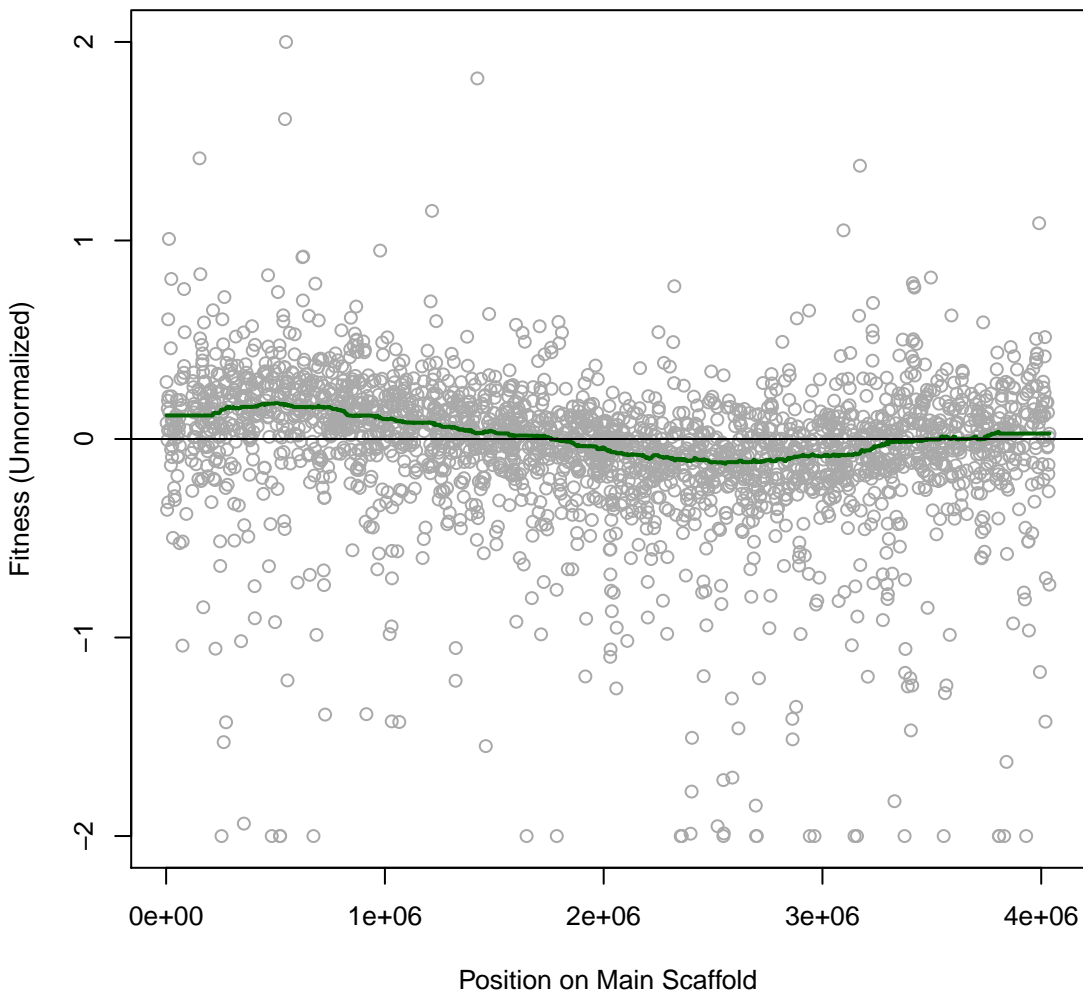
**Miya 3IT068 #82 (gMed=232 rho12=0.369)**  
**MoYLS4 with Vancomycin 0.5 mg/ml**



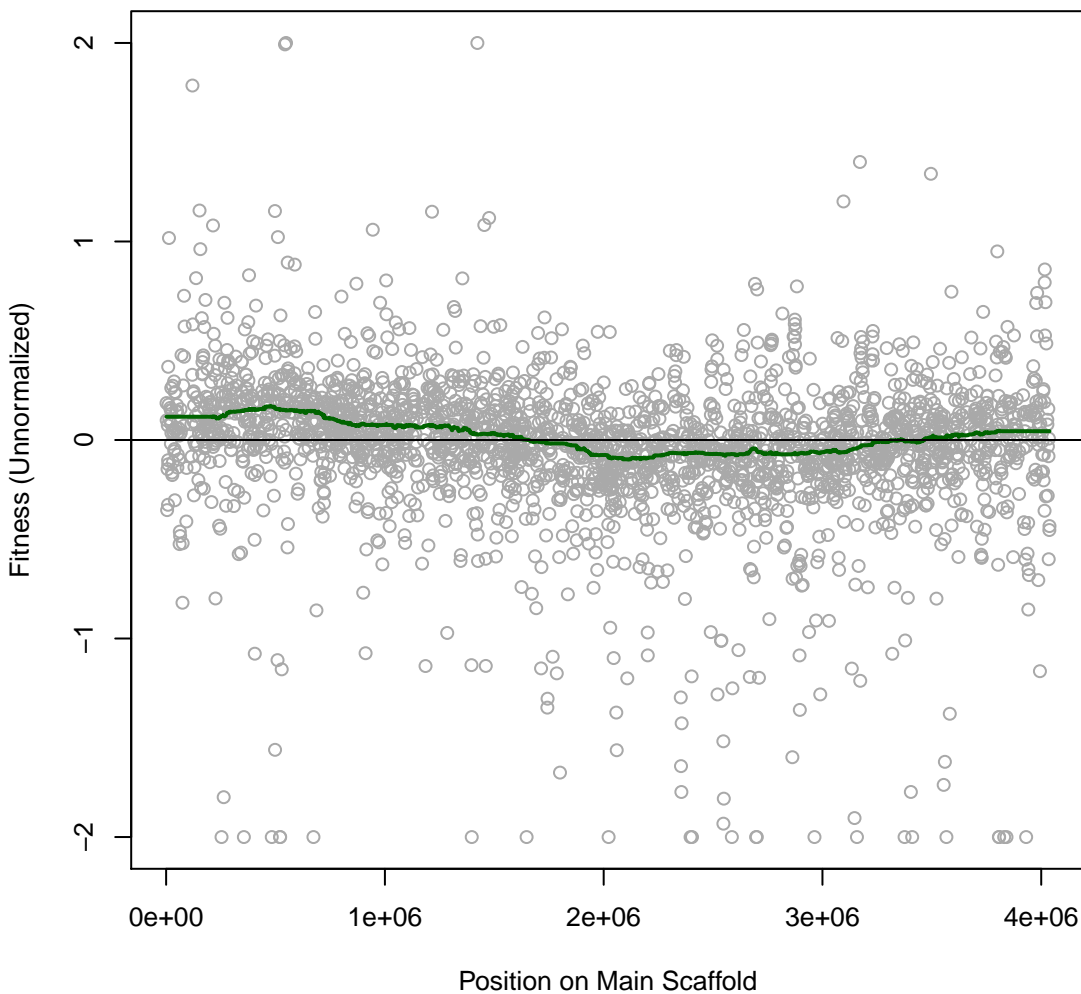
**Miya 3IT069 #83 (gMed=532 rho12=0.417)**  
**MoYLS4 with Vancomycin 0.25 mg/ml**



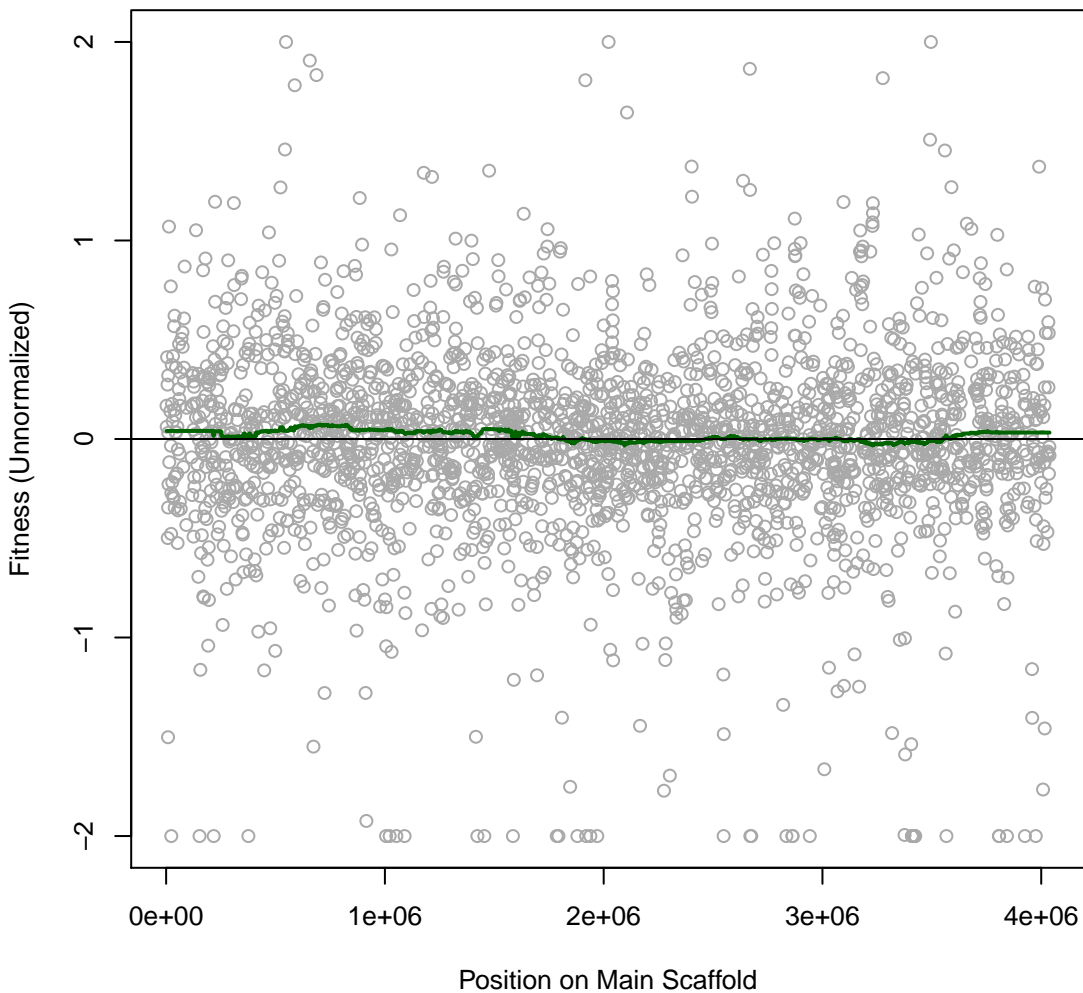
**Miya 3IT070 #84 (gMed=707 rho12=0.339)**  
**MoYLS4 with Cephalothin 1.25 mg/ml**



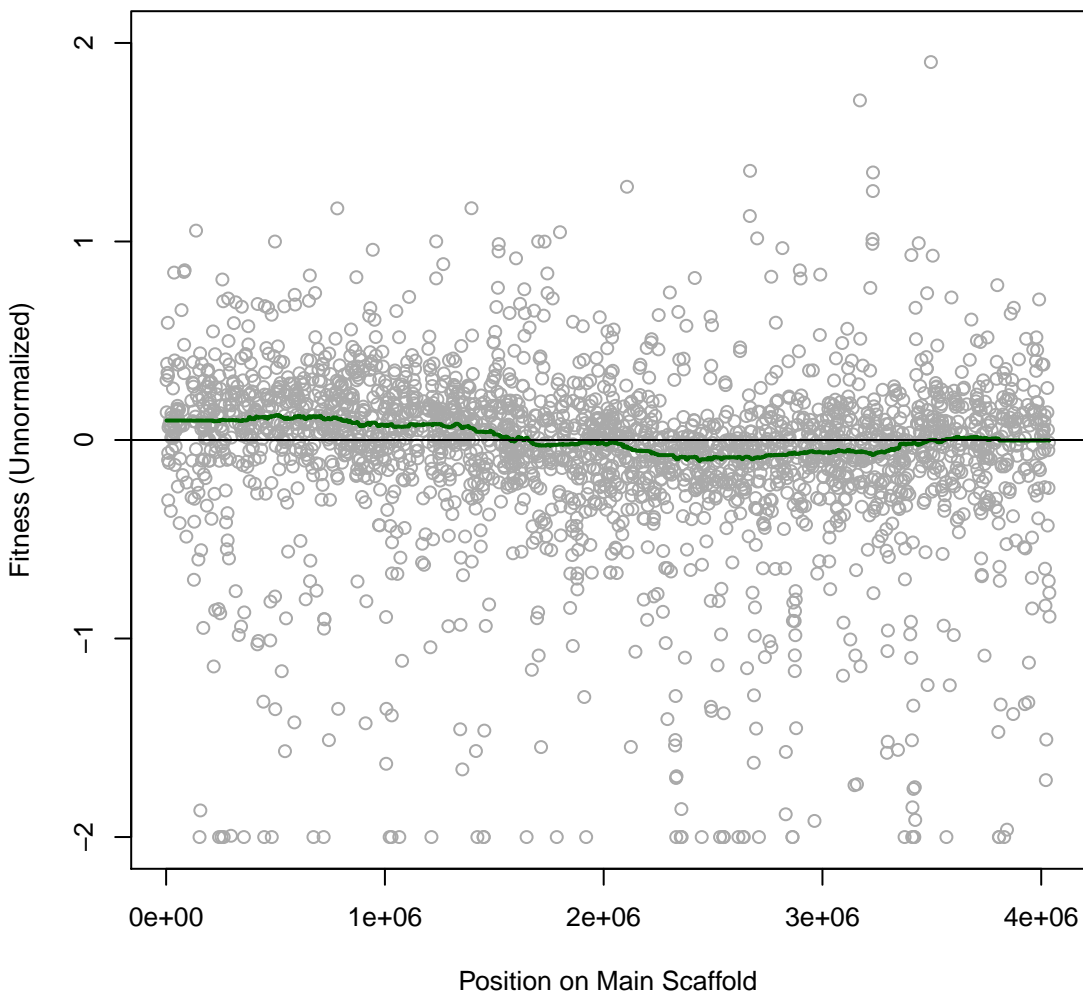
**Miya 3IT071 #85 (gMed=647 rho12=0.384)**  
**MoYLS4 with Cephalothin 0.625 mg/ml**



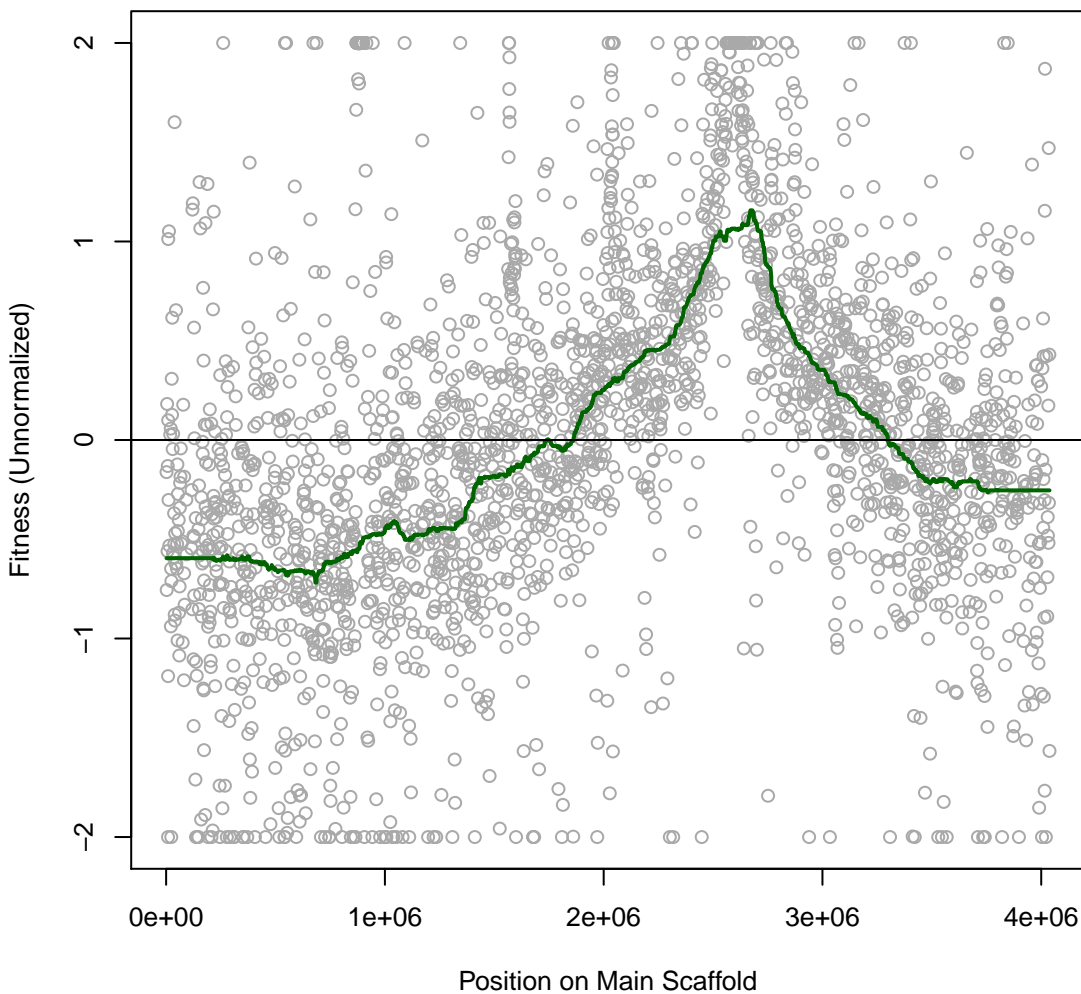
**Miya 3IT072 #86 (gMed=344 rho12=0.210)**  
**MoYLS4 with A22 0.0875 mg/ml**



**Miya 3IT073 #87 (gMed=530 rho12=0.390)**  
**MoYLS4 with A22 0.043 mg/ml**



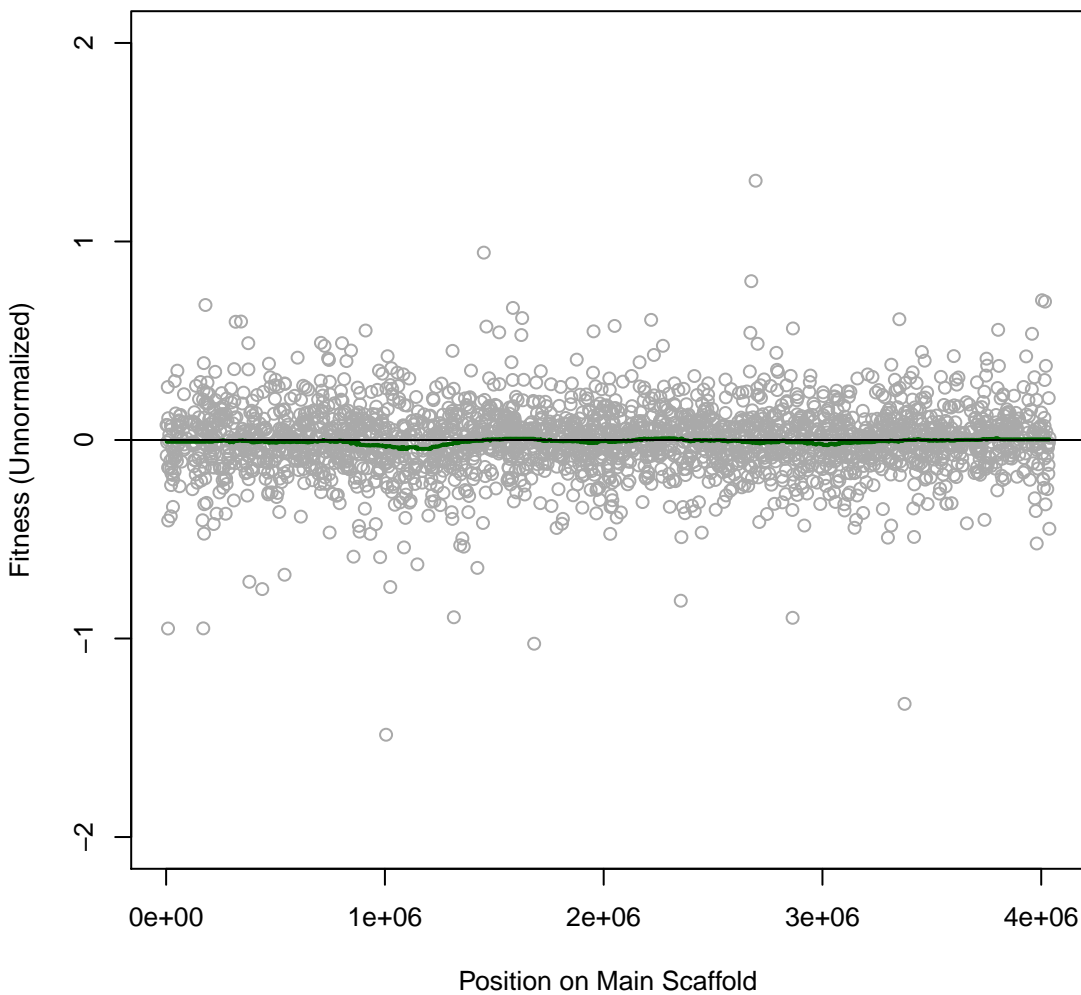
**Miya 3IT074 #88 (gMed=59 rho12=0.211)**  
**MoYLS4 with Lomefloxacin 0.002345 mM**



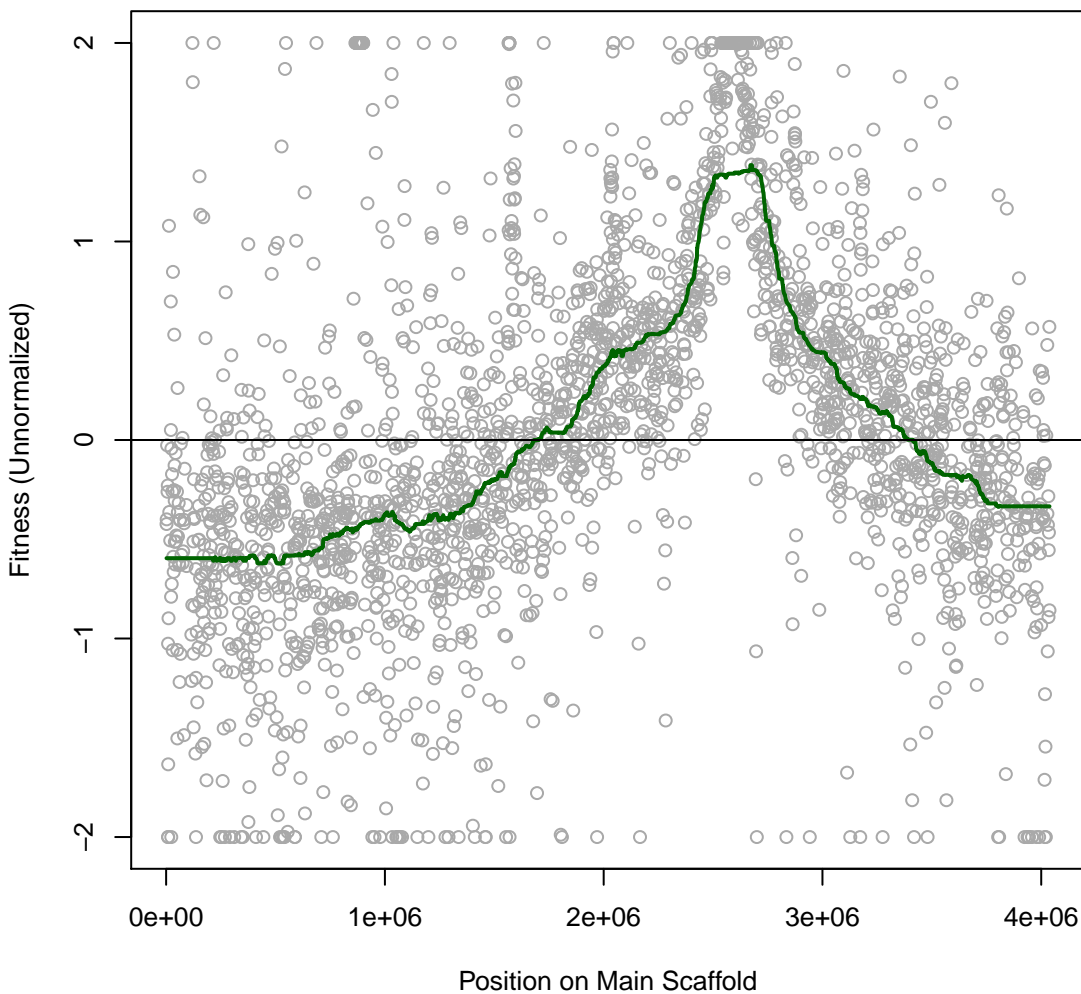


Miya 3IT075 #89 (gMed=640 rho12=0.007)

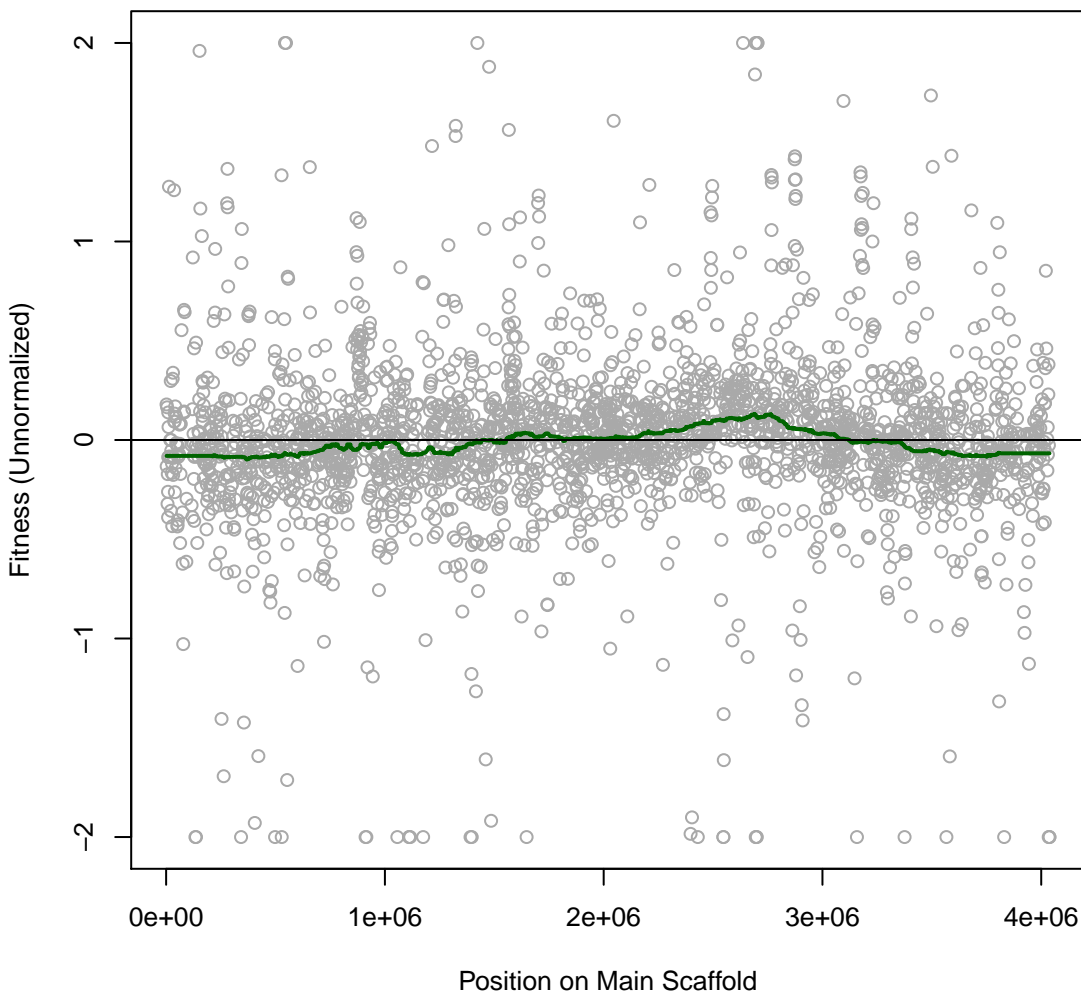
Time0



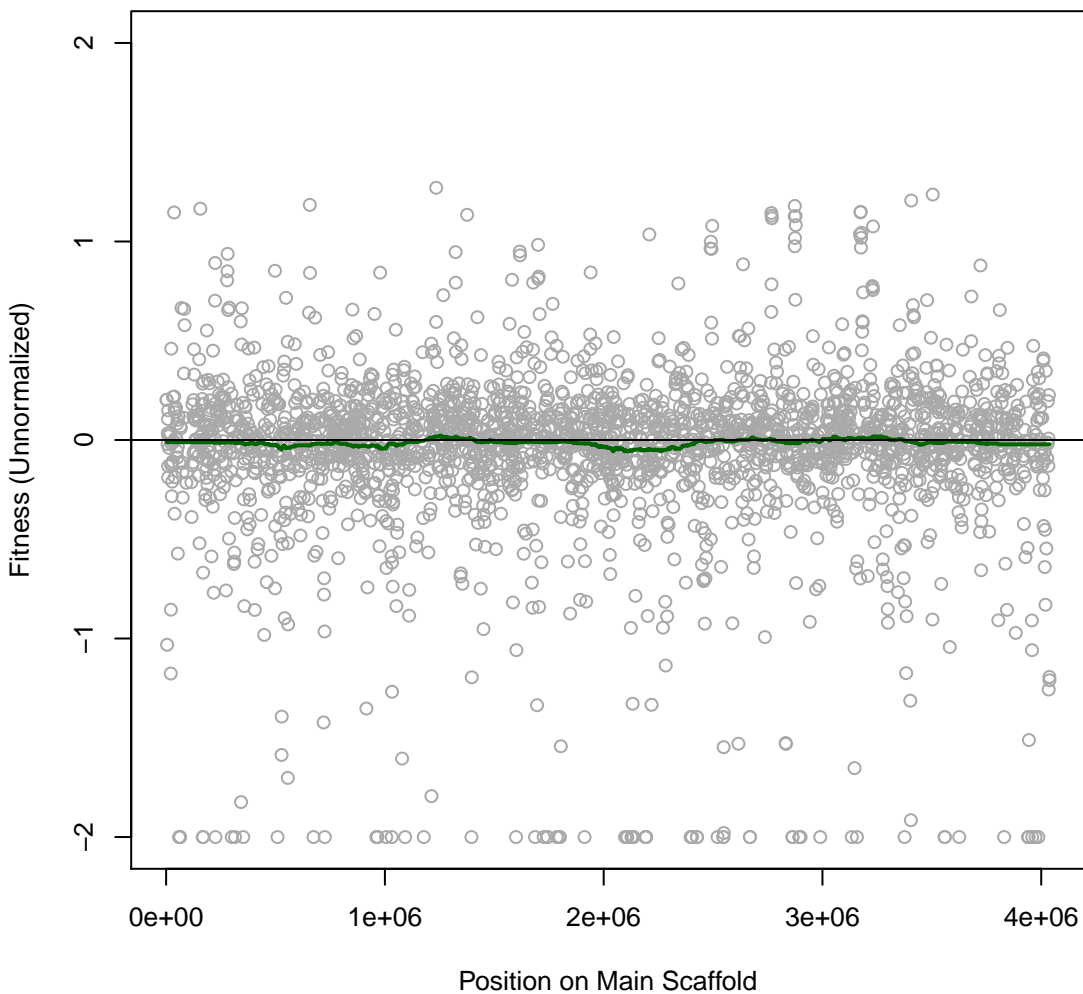
**Miya 3IT076 #90 (gMed=149 rho12=0.258)**  
**MoYLS4 with Lomefloxacin 0.00156 mM**



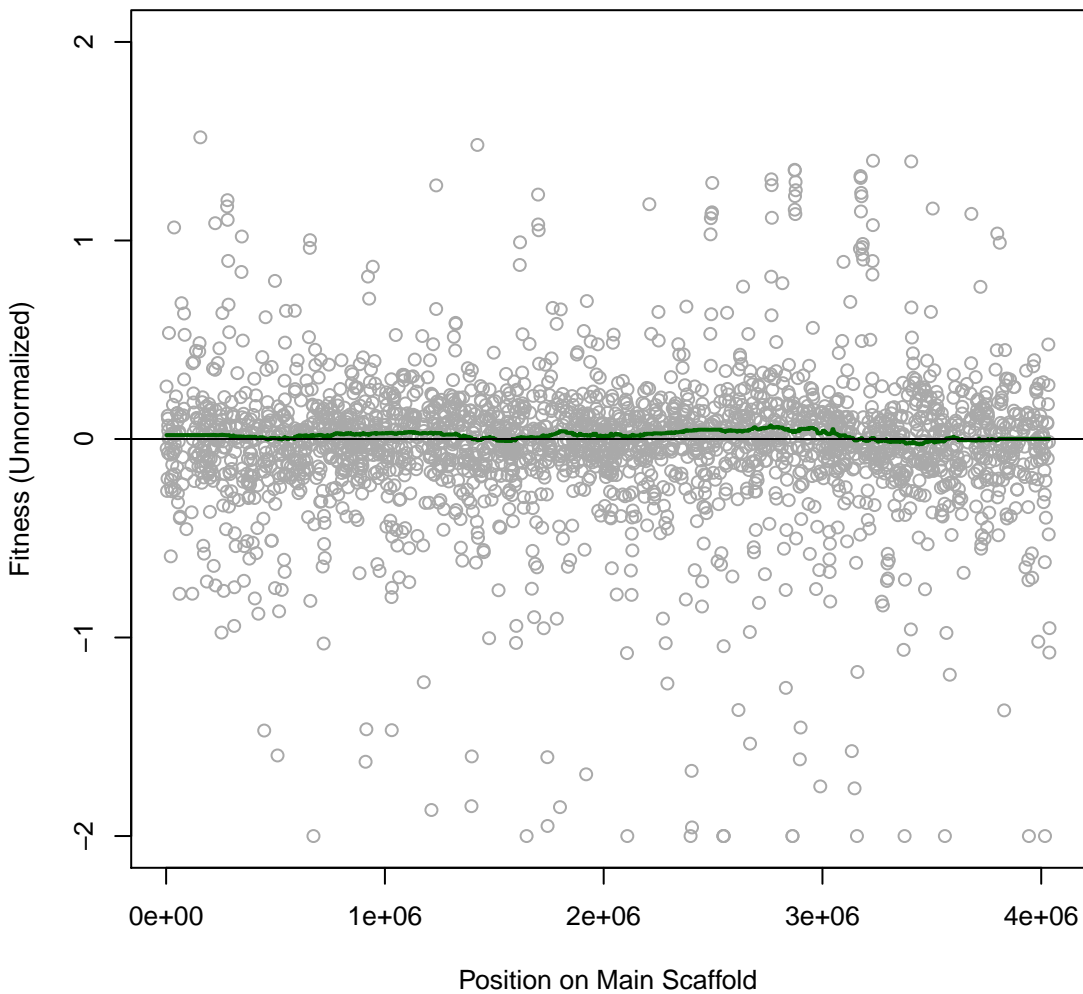
**Miya 3IT077 #91 (gMed=562 rho12=0.415)**  
**MoYLS4 with Lomefloxacin 0.00078 mM**



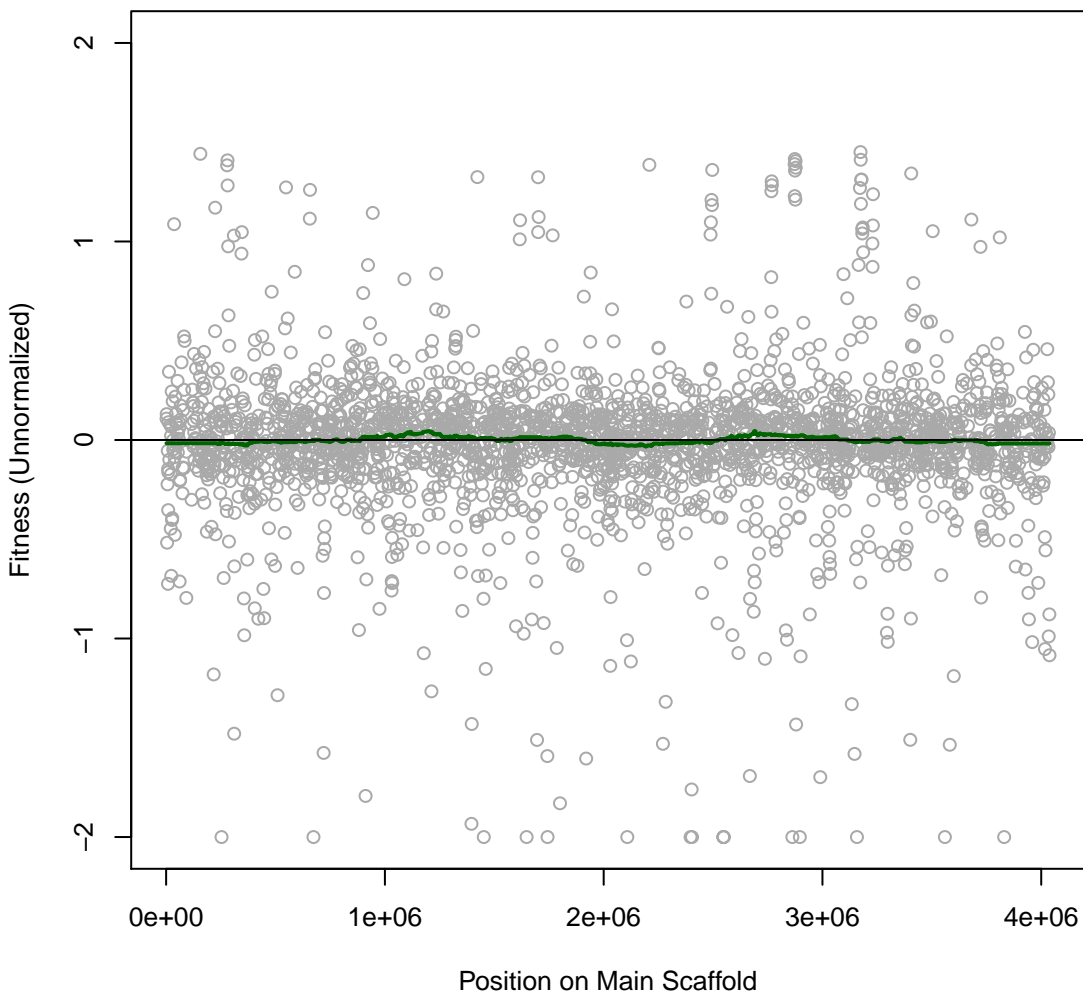
**Miya 3IT078 #92 (gMed=613 rho12=0.407)**  
**Defined MoLS4**



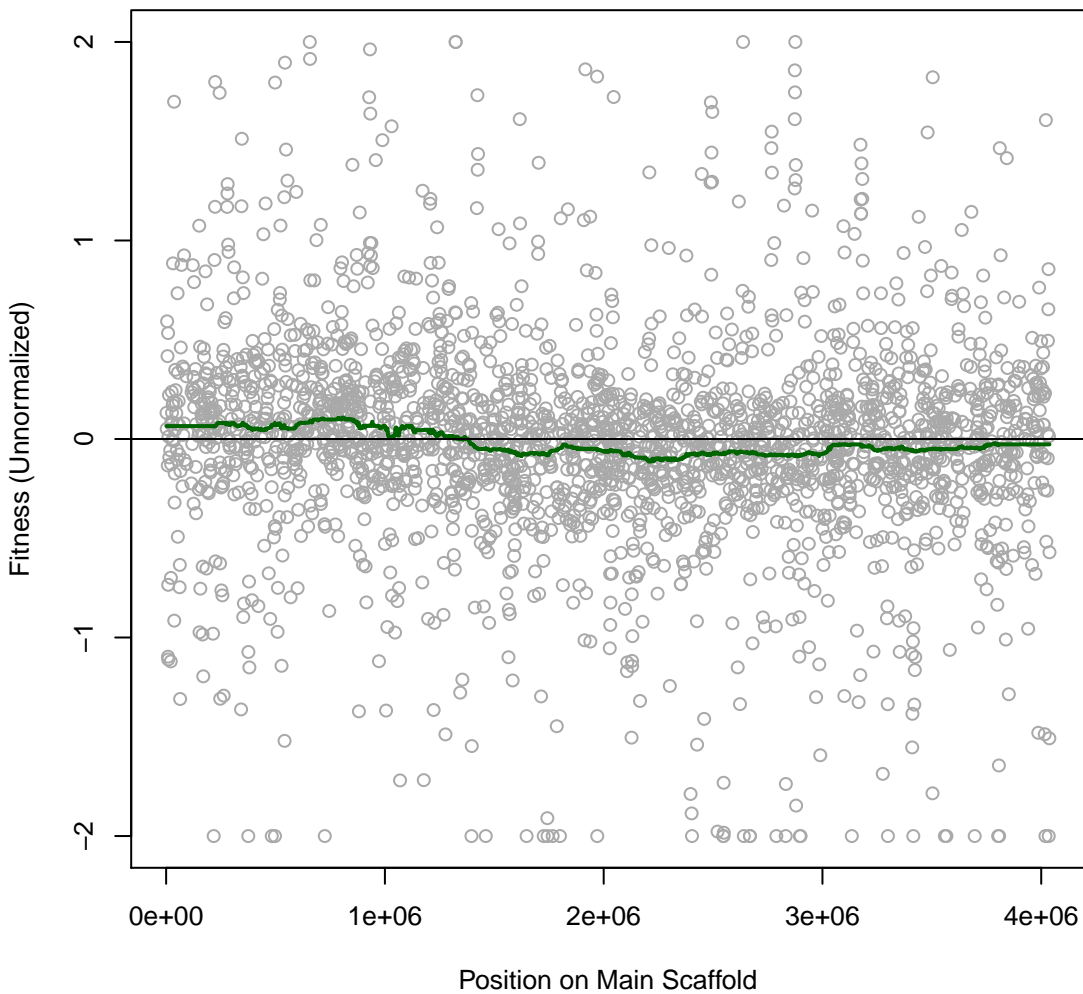
**Miya 3IT079 #93 (gMed=773 rho12=0.389)**  
**rich MoYLS4**



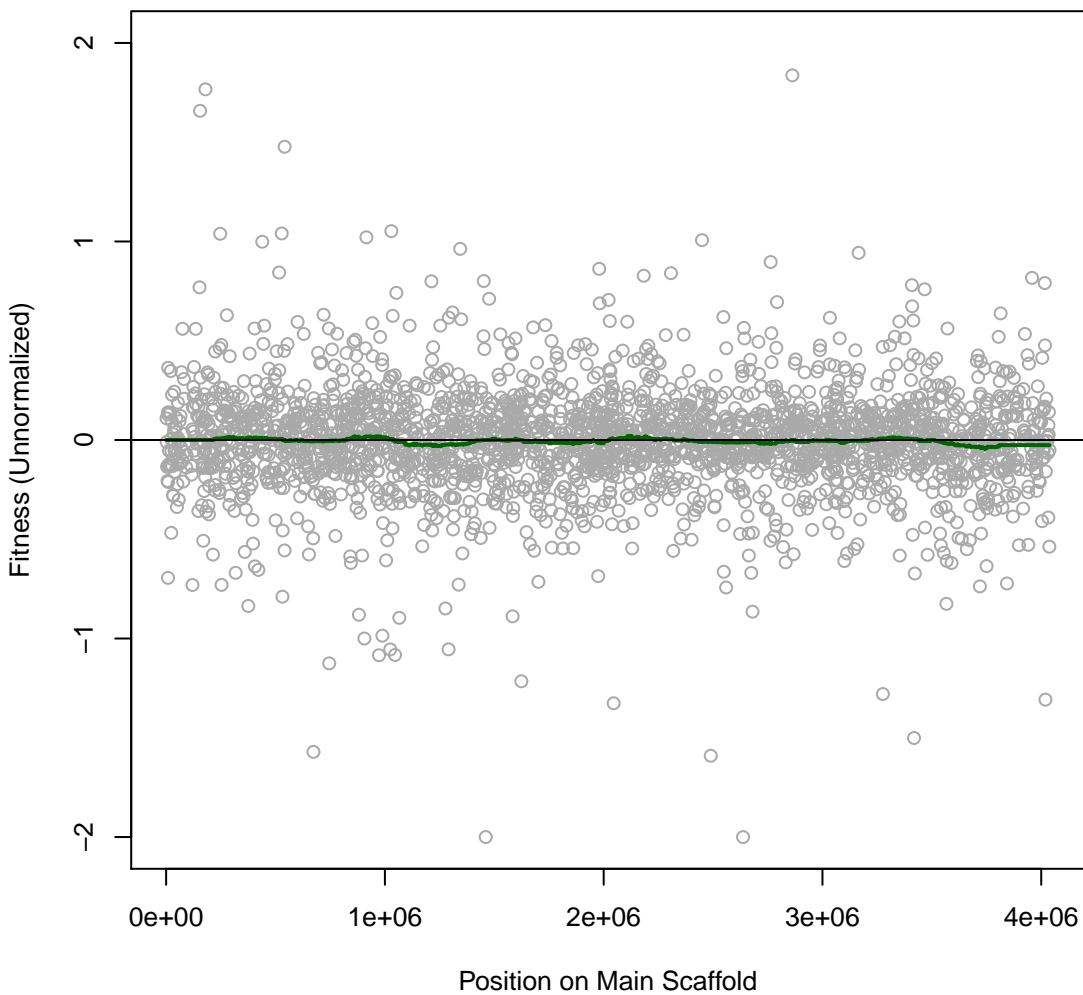
**Miya 3IT080 #94 (gMed=621 rho12=0.354)**  
**rich MoYLS4**



**Miya 4IT001 #95 (gMed=115 rho12=0.263)**  
**rich MoYLS4**

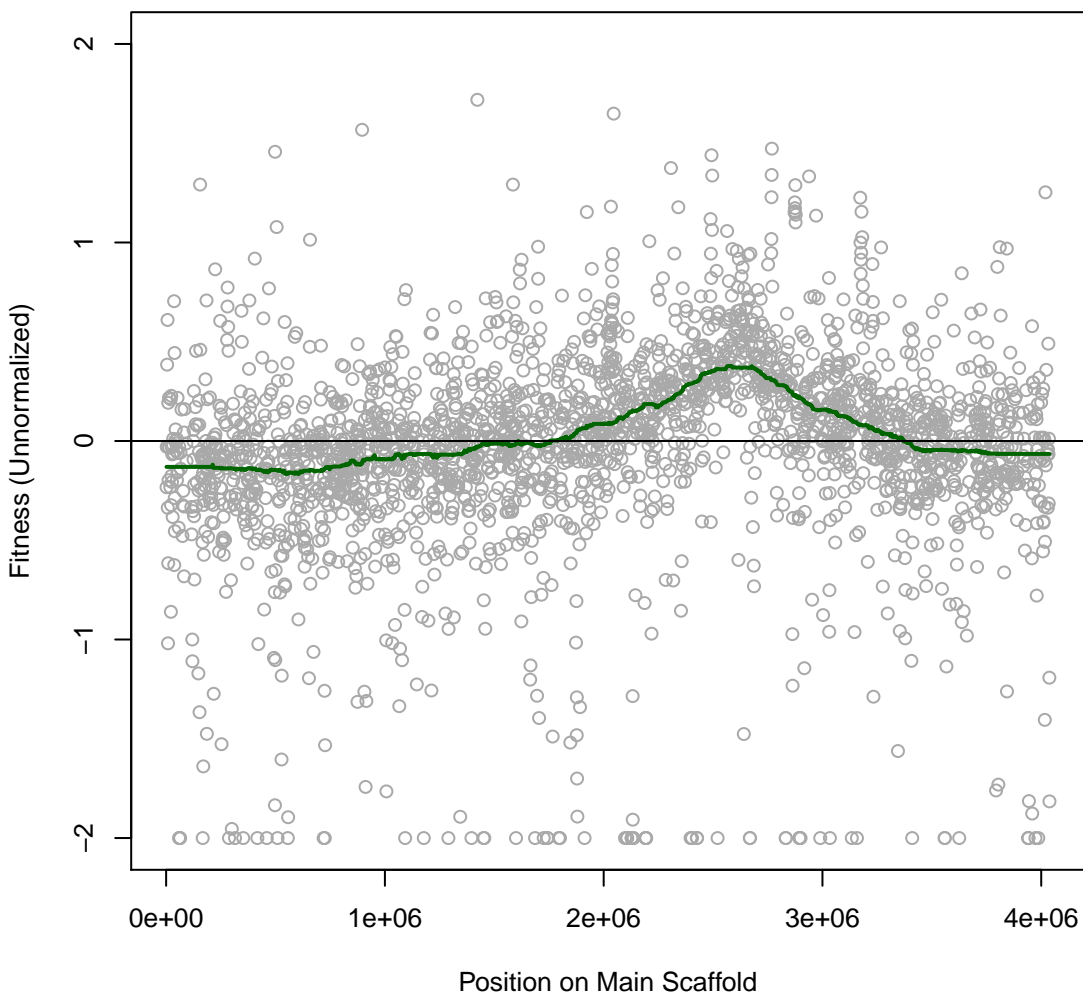


**Miya 4IT002 #96 (gMed=207 rho12=0.001)**  
**Time0**

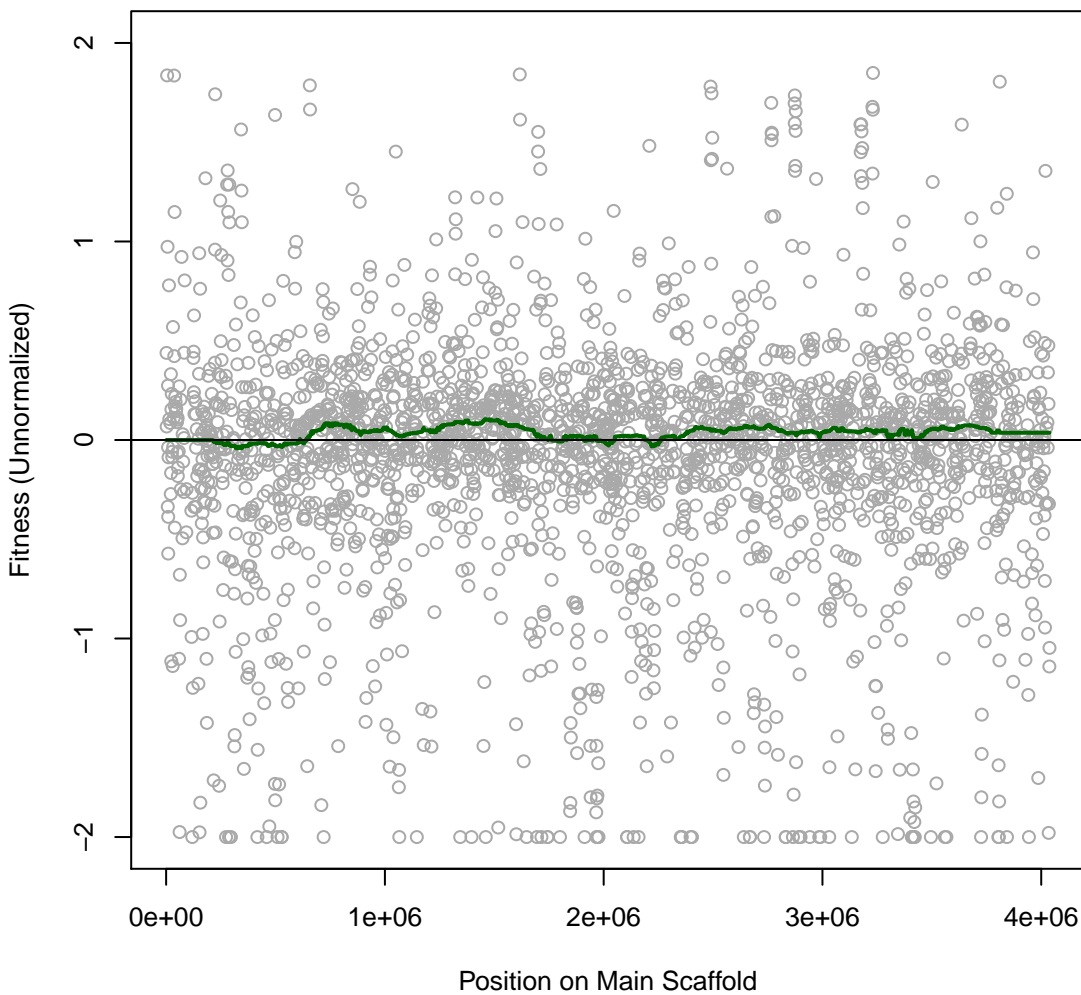




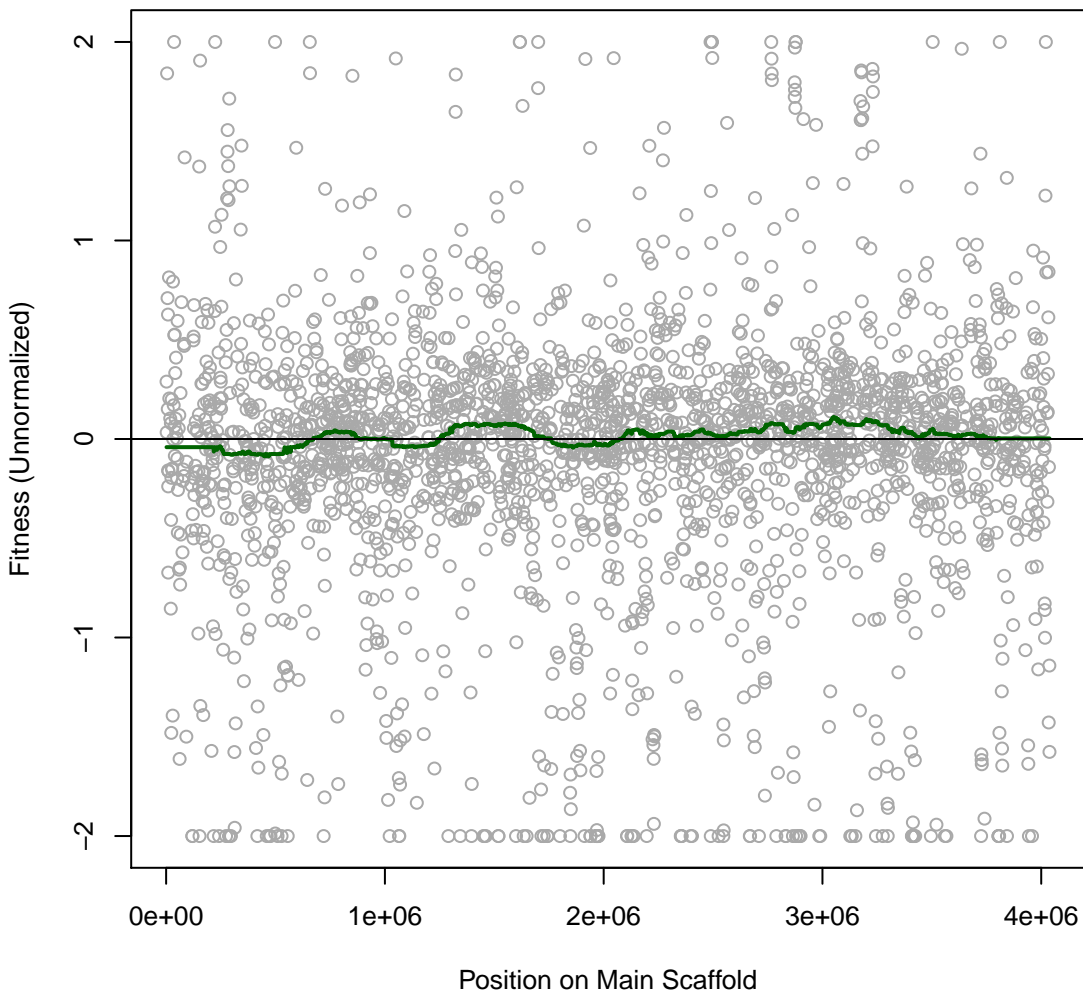
**Miya 4IT003 #97 (gMed=172 rho12=0.350)**  
**Defined MoLS4**



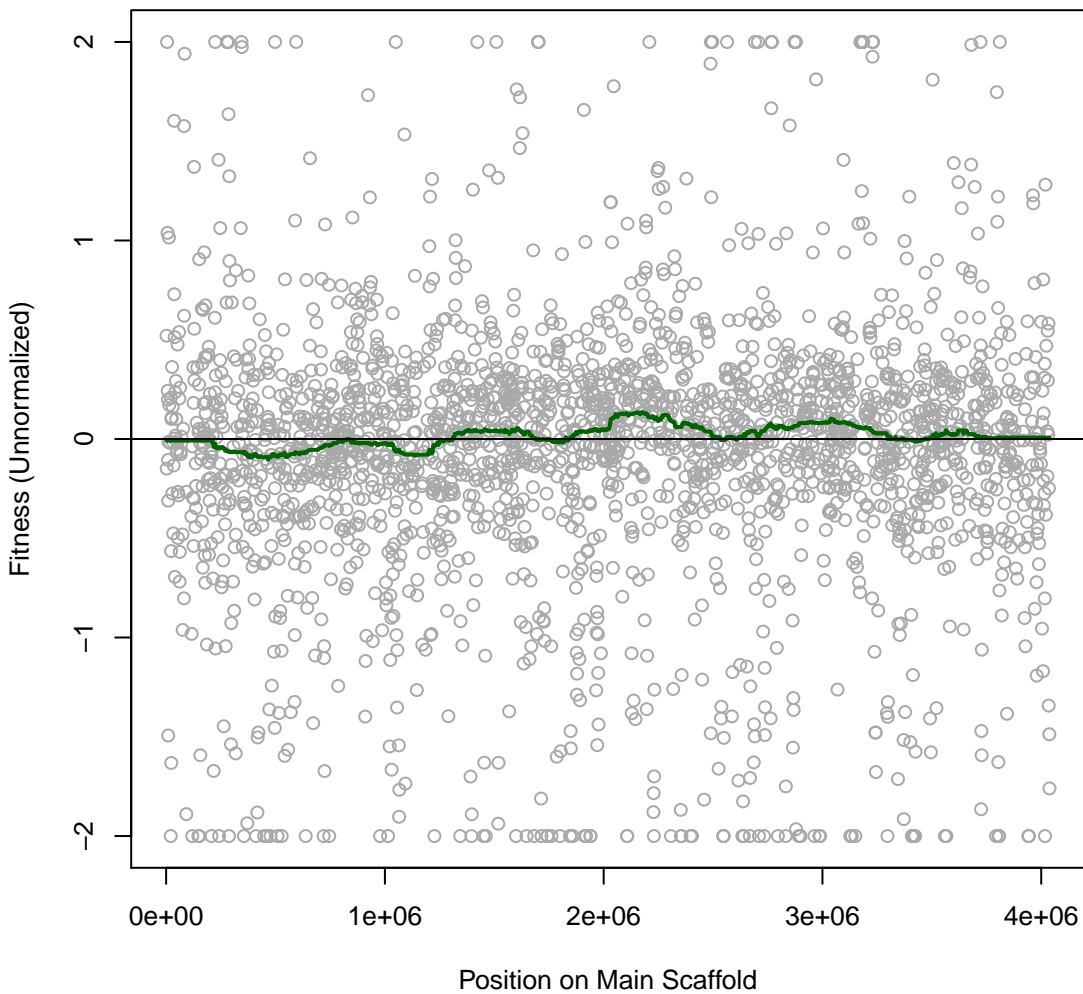
**Miya 4IT004 #98 (gMed=162 rho12=0.480)**  
**2 days starvation 37C**



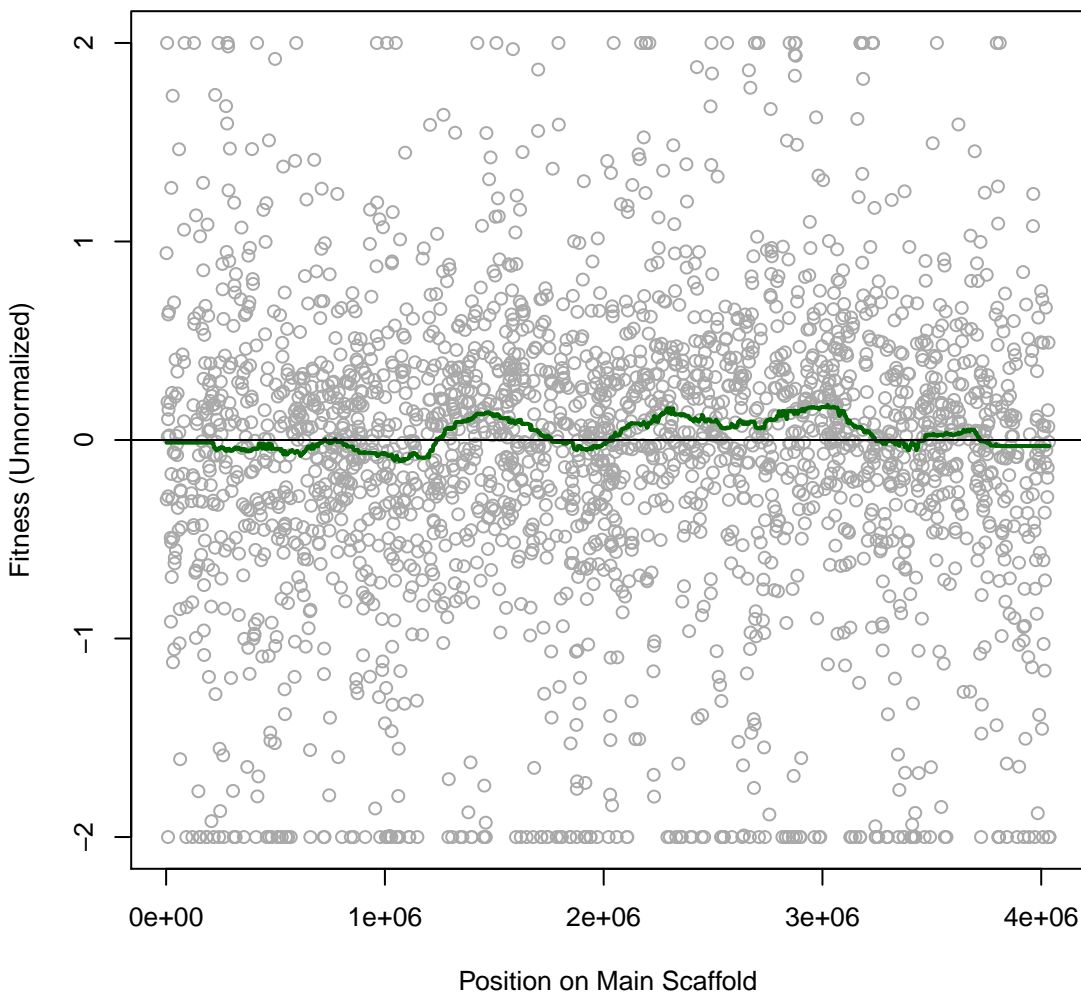
**Miya 4IT005 #99 (gMed=147 rho12=0.480)**  
**4 days starvation 37C**



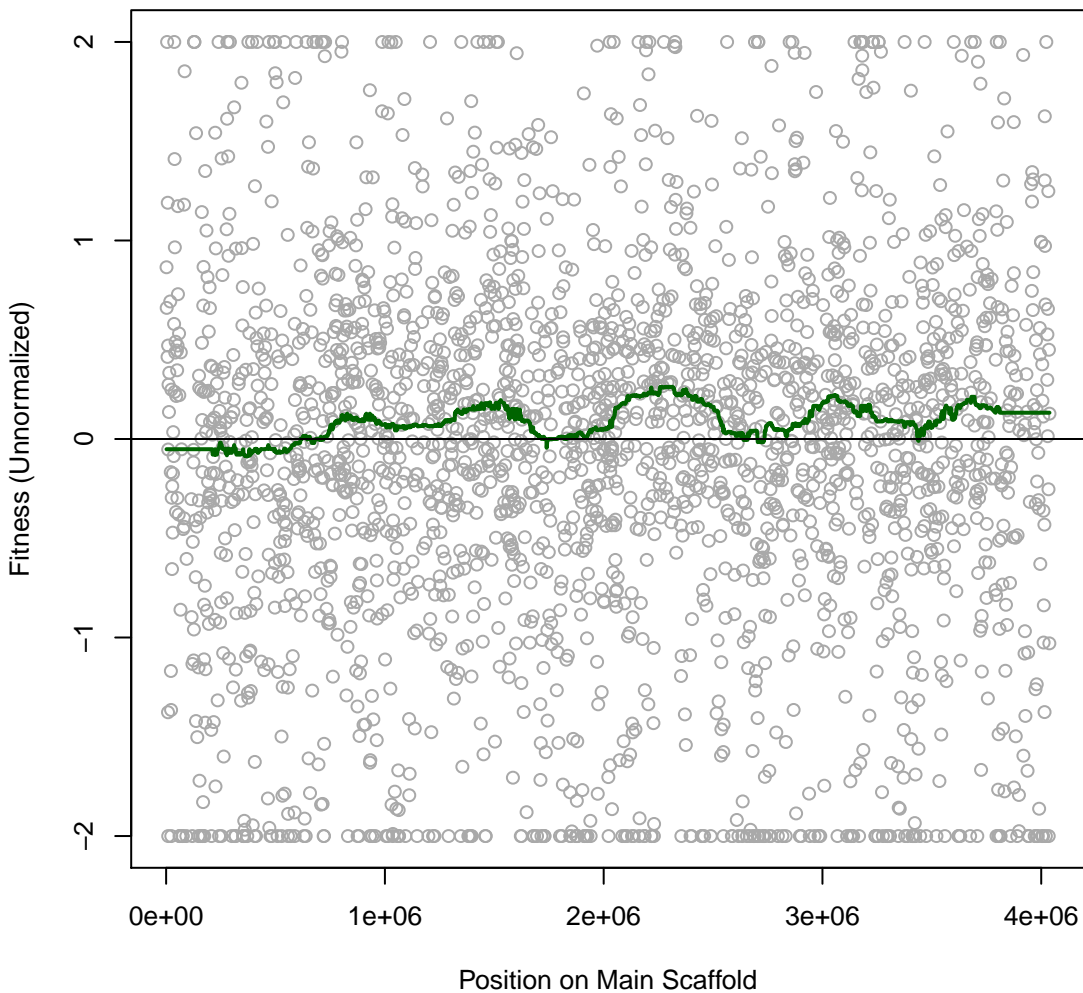
**Miya 4IT006 #100 (gMed=171 rho12=0.468)**  
**6 days starvation 37C**



**Miya 4IT007 #101 (gMed=141 rho12=0.375)**  
**14 days starvation 37C**

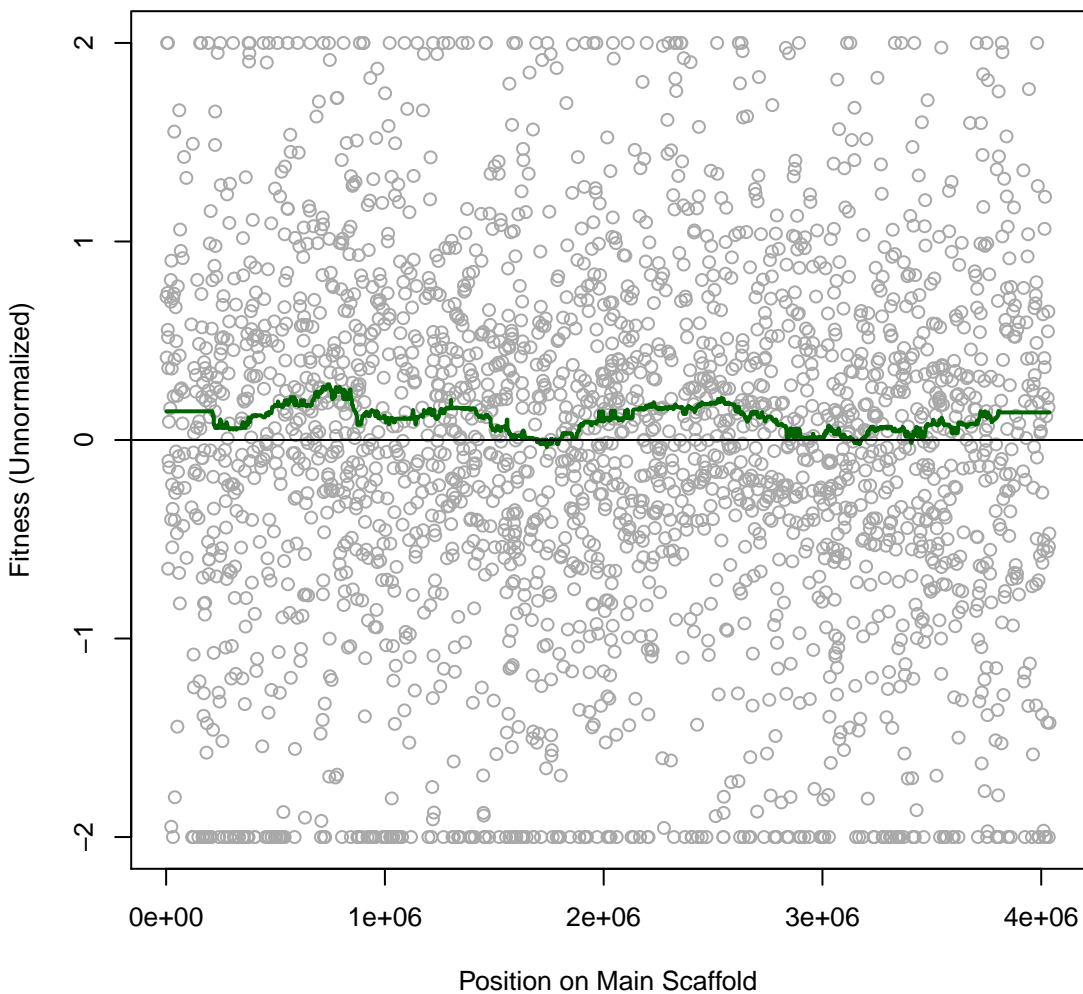


**Miya 4IT008 #102 (gMed=77 rho12=0.323)**  
**21 days starvation 37C**



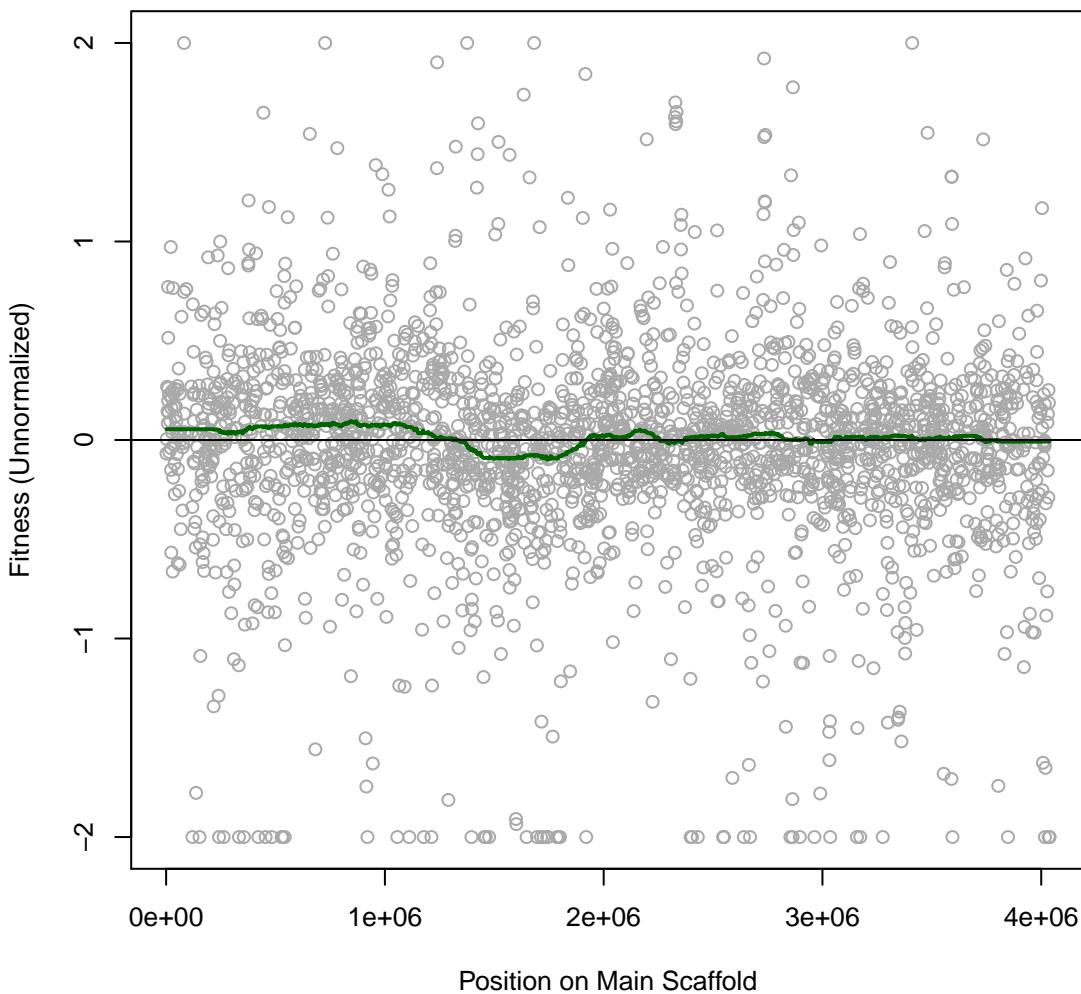
**Miya 4IT009 #103 (gMed=212 rho12=0.098)**

**MoYLS4 with D-Cycloserine 0.5 mg/ml**



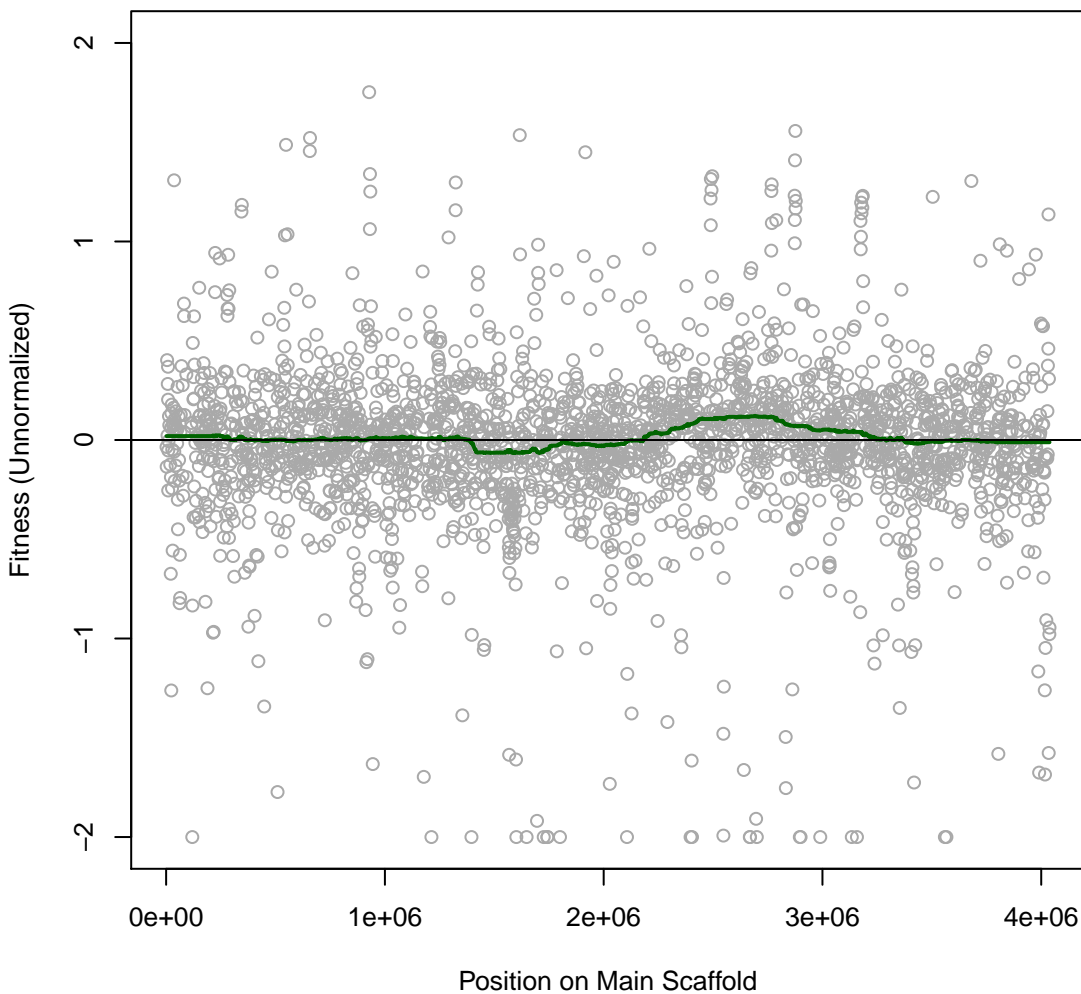
**Miya 4IT010 #104 (gMed=277 rho12=0.304)**

**MoYLS4 with D-Cycloserine 0.25 mg/ml**

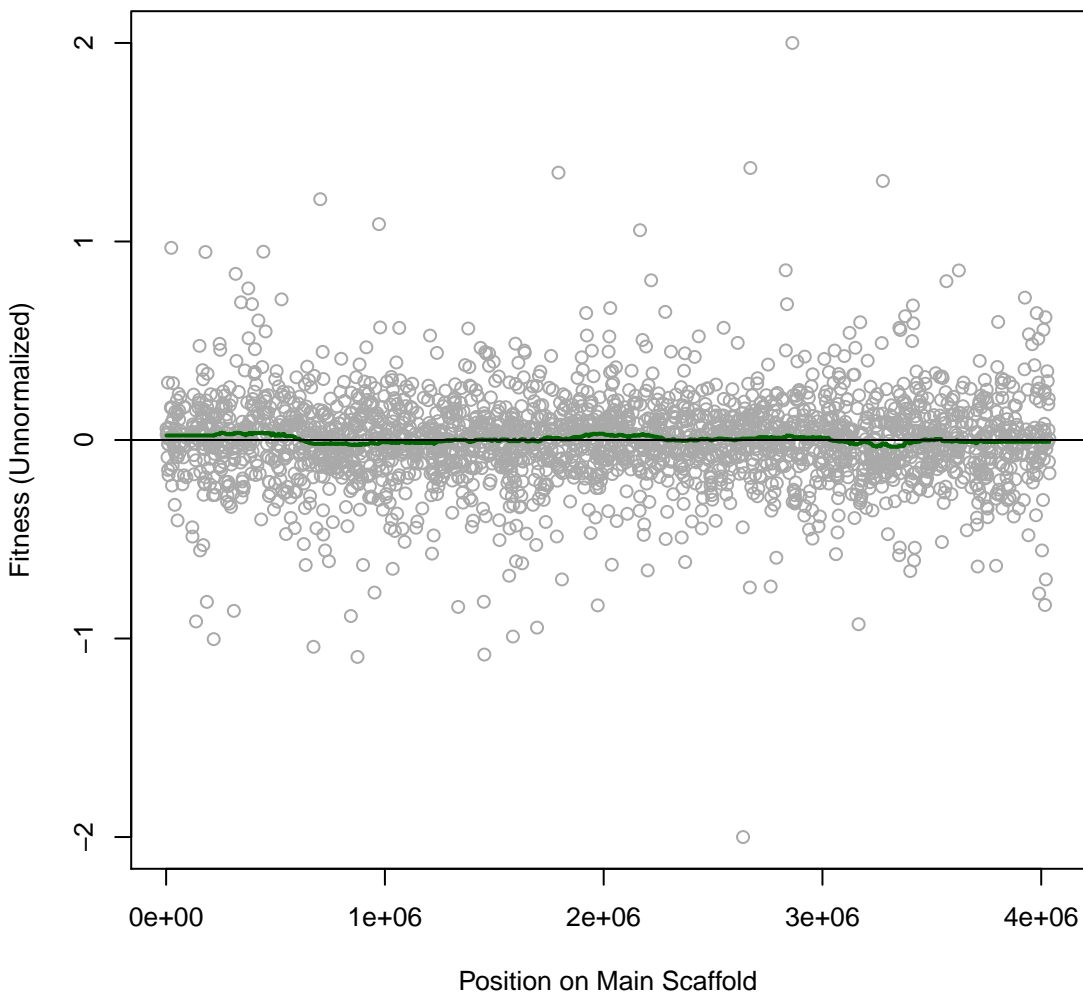




**Miya 4IT011 #105 (gMed=319 rho12=0.316)**  
**MoYLS4 with Neomycin 0.125 mg/ml**

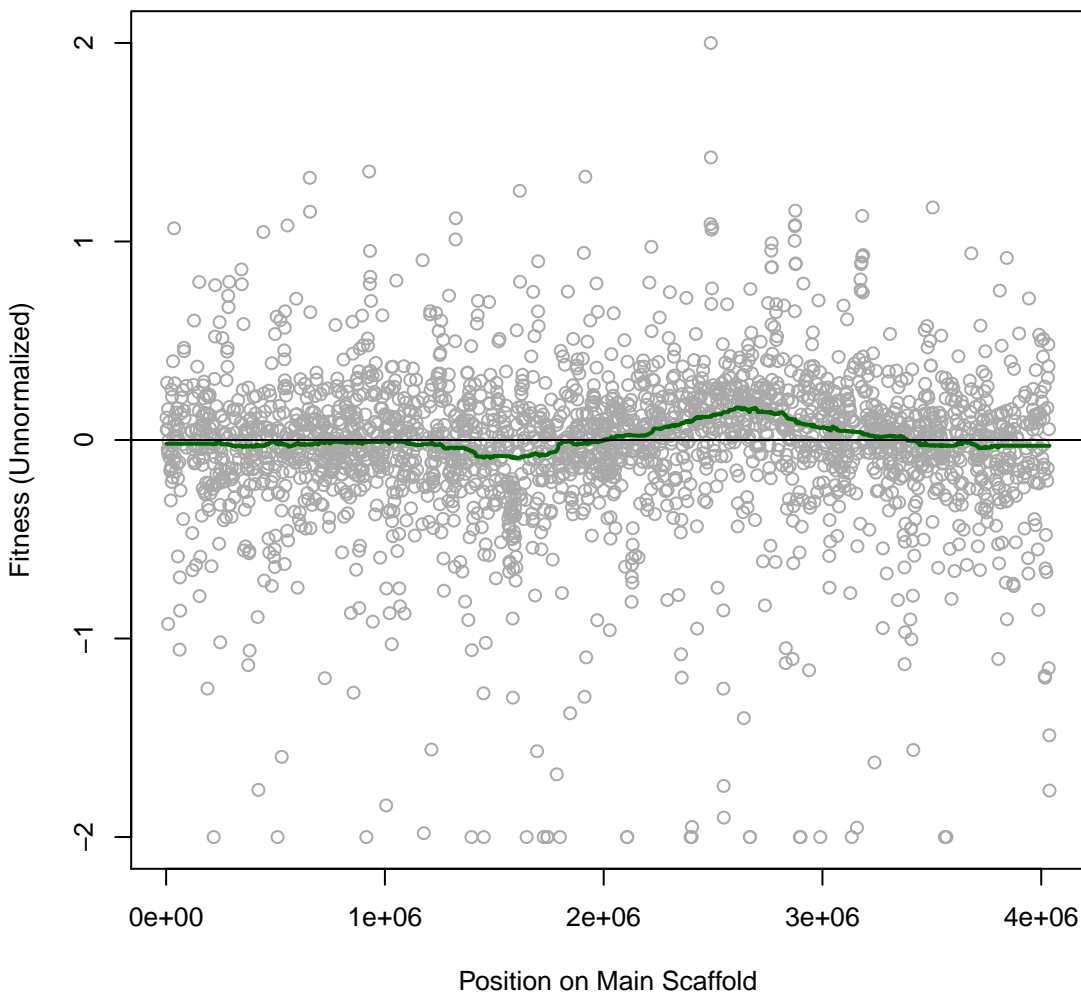


**Miya 4IT012 #106 (gMed=488 rho12=0.028)**  
**Time0**

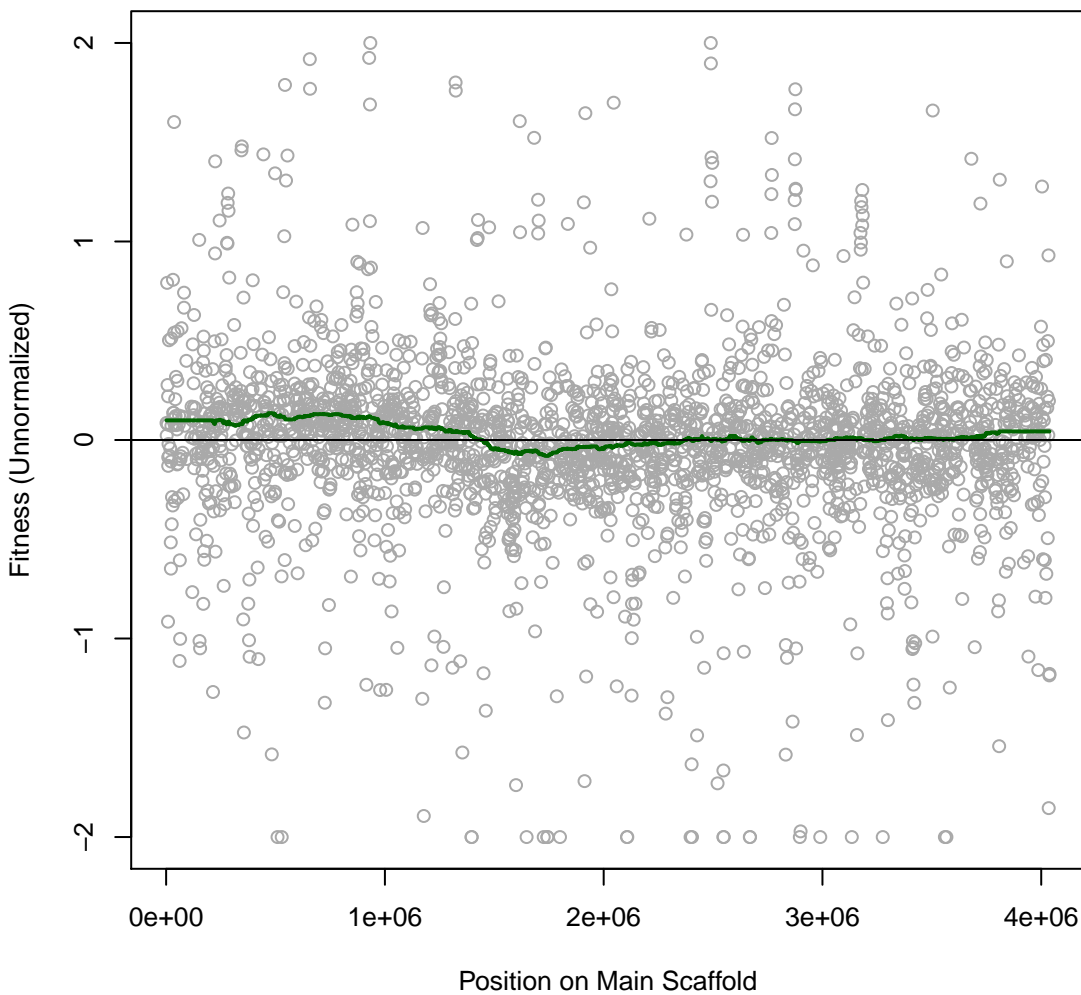


**Miya 4IT013 #107 (gMed=468 rho12=0.255)**

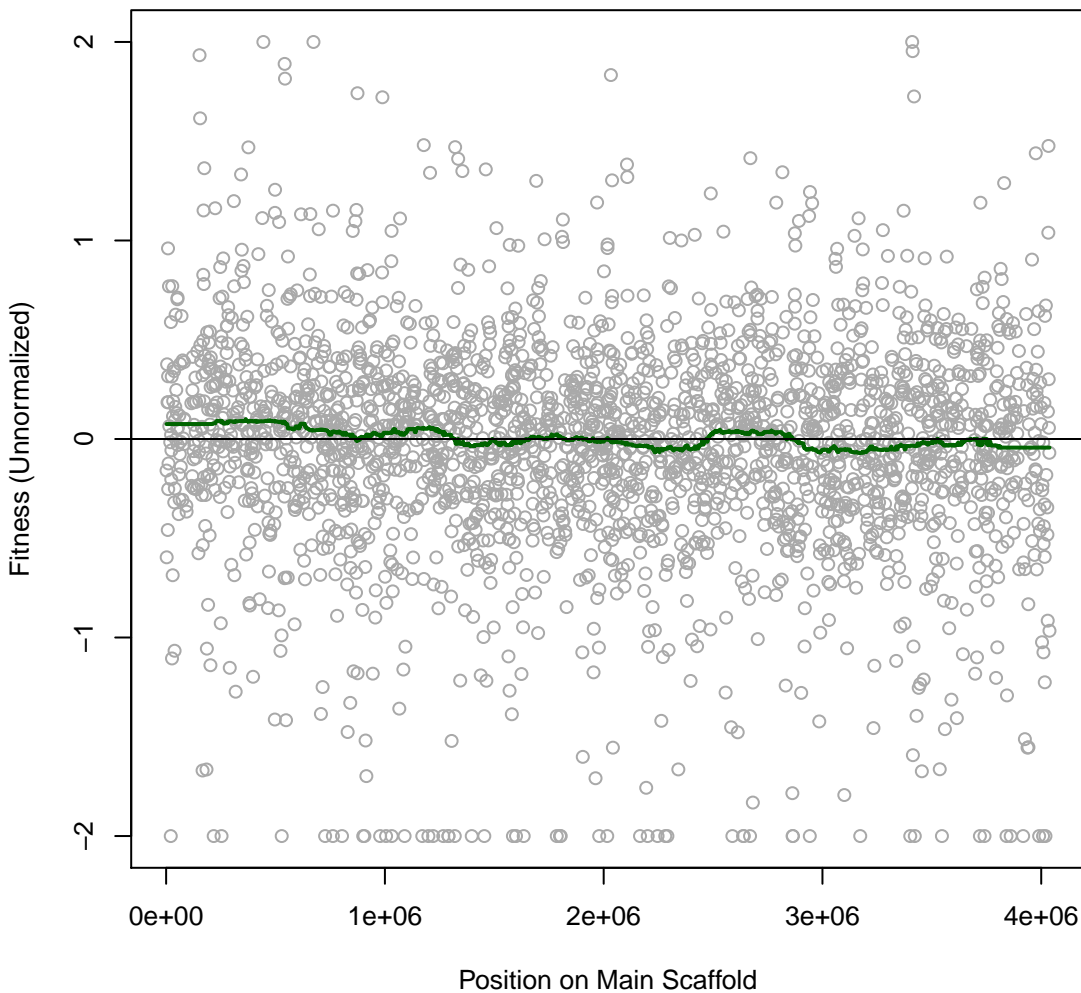
**MoYLS4 with Neomycin 0.06 mg/ml**



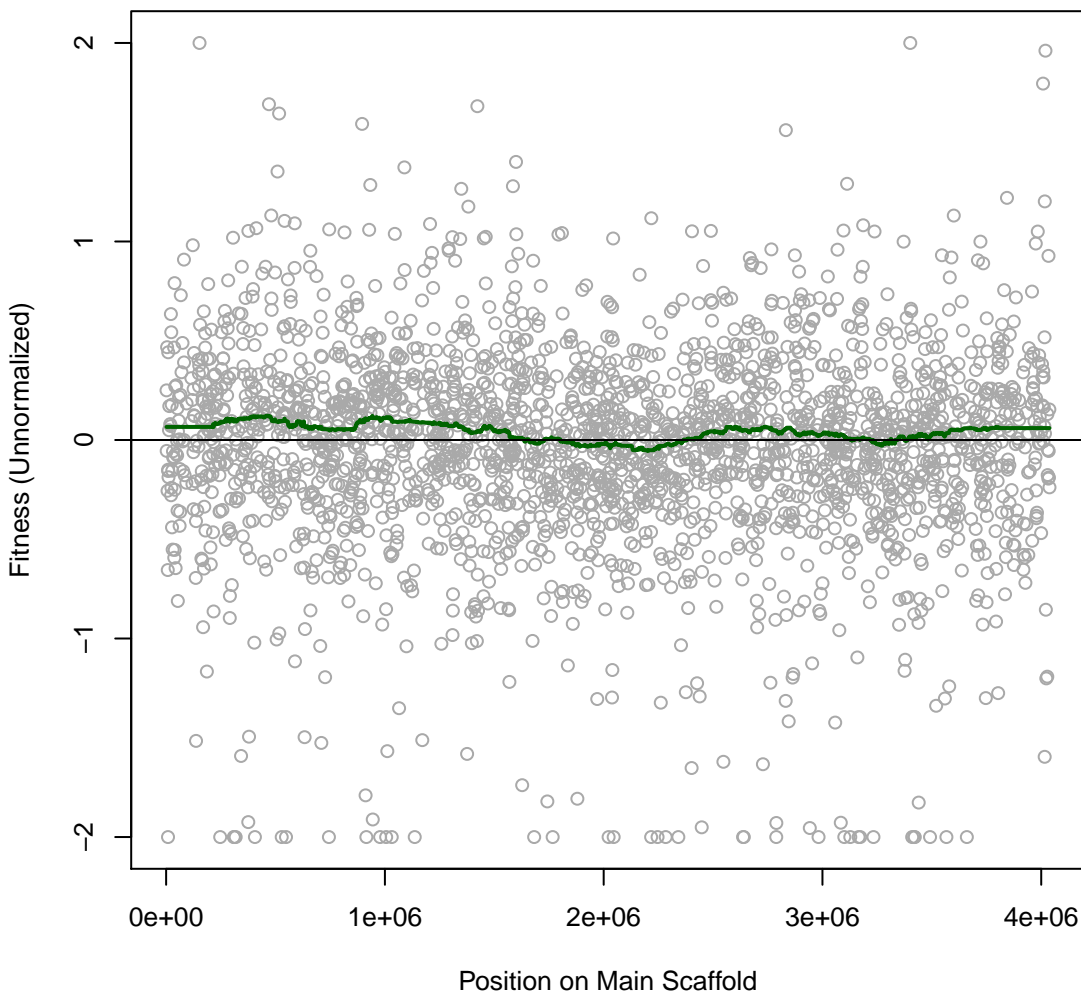
**Miya 4IT014 #108 (gMed=356 rho12=0.307)**  
**rich MoYLS4**



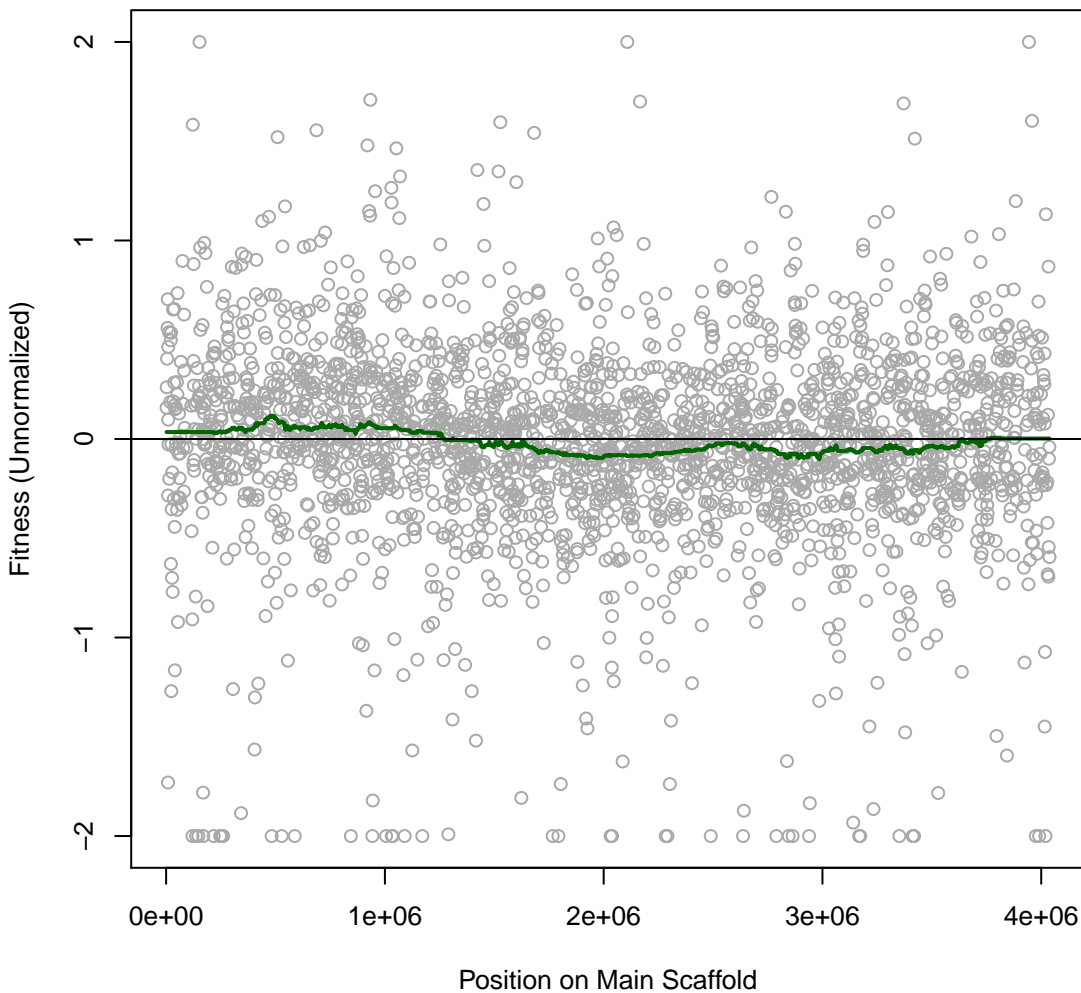
**Miya 4IT015 #109 (gMed=173 rho12=0.052)**  
**MoYLS4 with Doxycycline hyclate 0.0312 mg/ml**



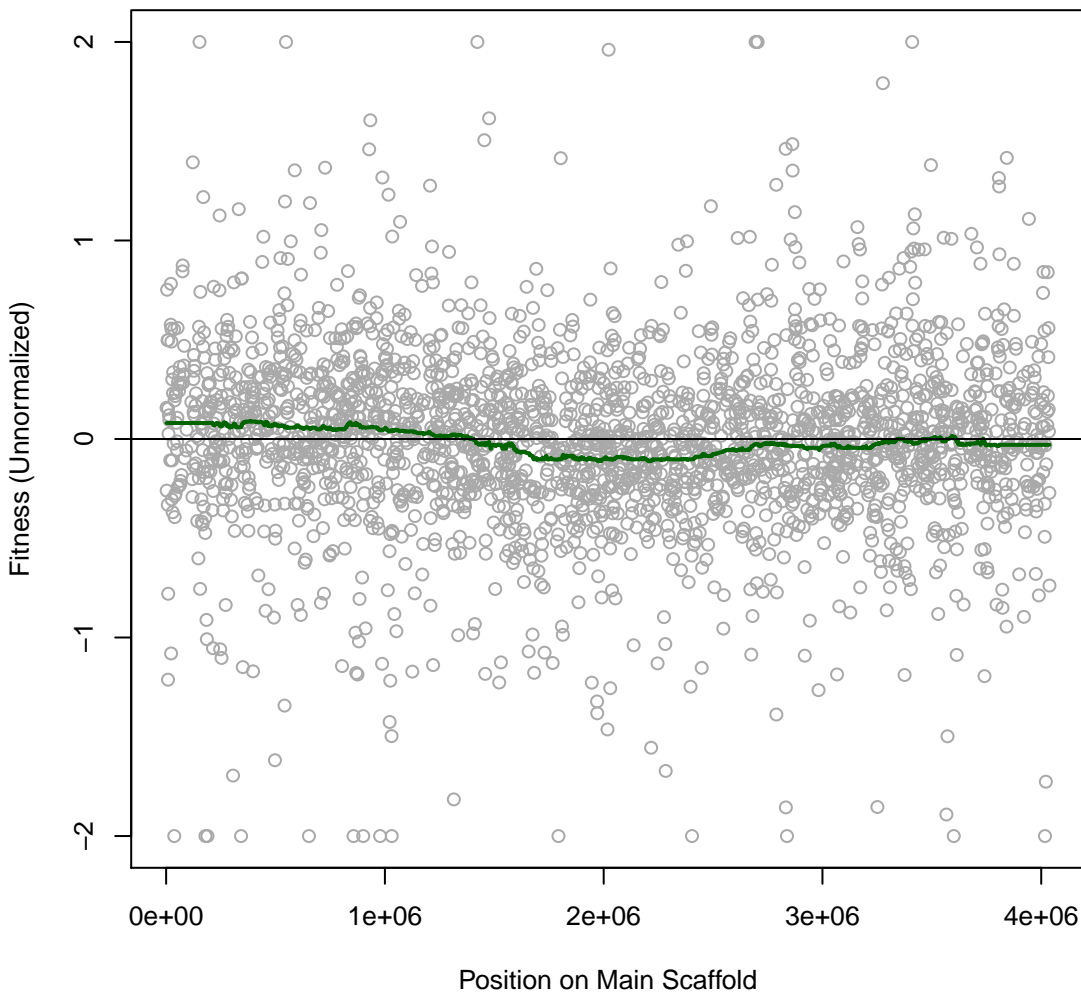
**Miya 4IT016 #110 (gMed=267 rho12=0.111)**  
**MoYLS4 with Doxycycline hyclate 0.0156 mg/ml**



**Miya 4IT017 #111 (gMed=240 rho12=0.065)**  
**MoYLS4 with Doxycycline hyclate 0.007 mg/ml**

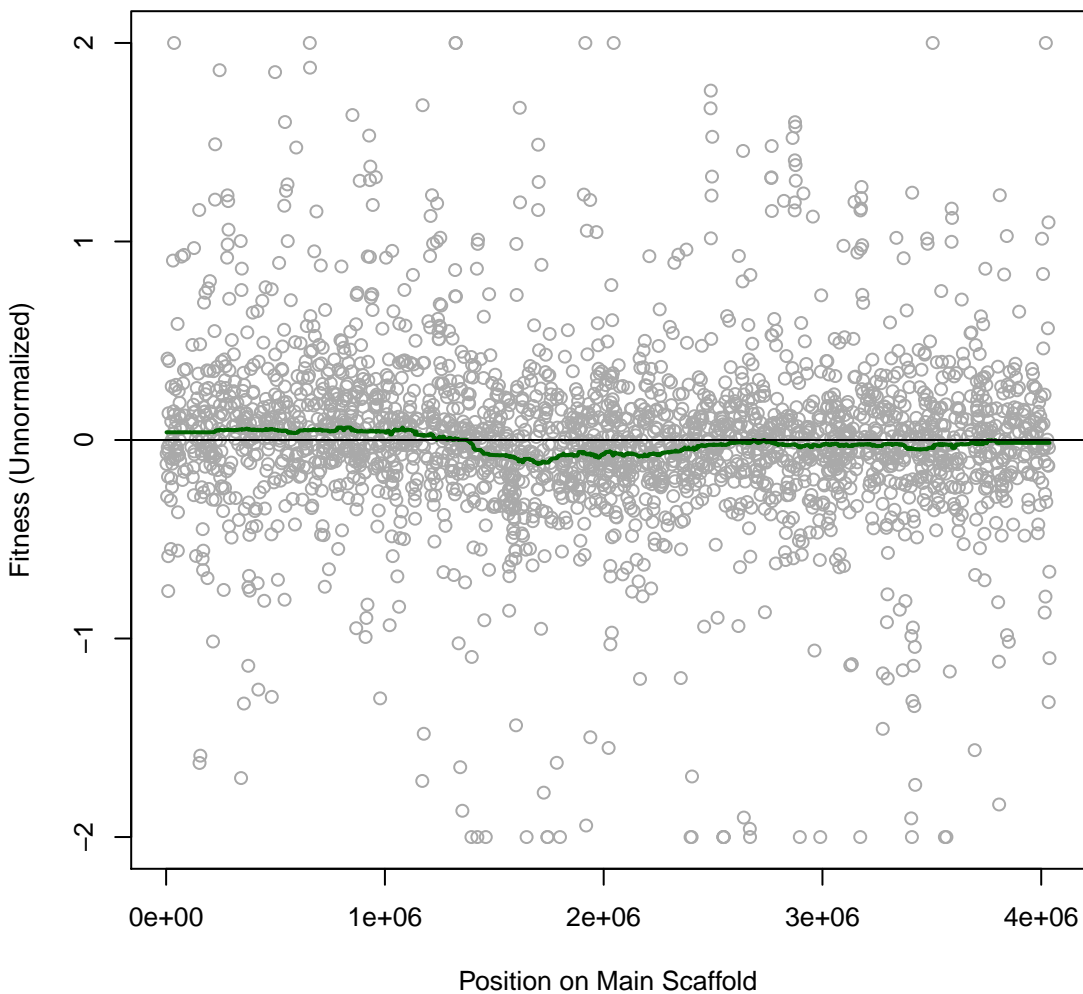


**Miya 4IT018 #112 (gMed=283 rho12=0.130)**  
**MoYLS4 with Doxycycline hyclate 0.003 mg/ml**



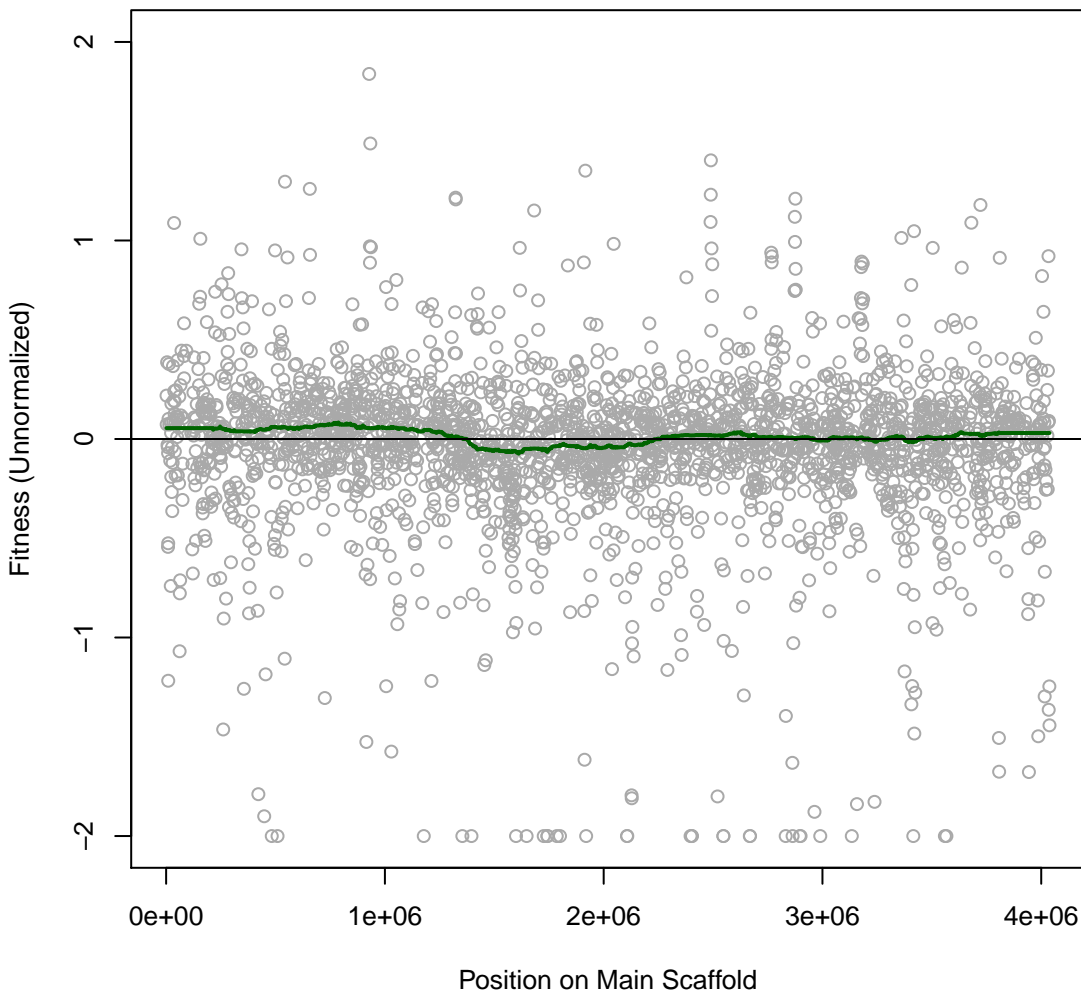


**Miya 4IT019 #113 (gMed=289 rho12=0.249)**  
**rich MoYLS4**

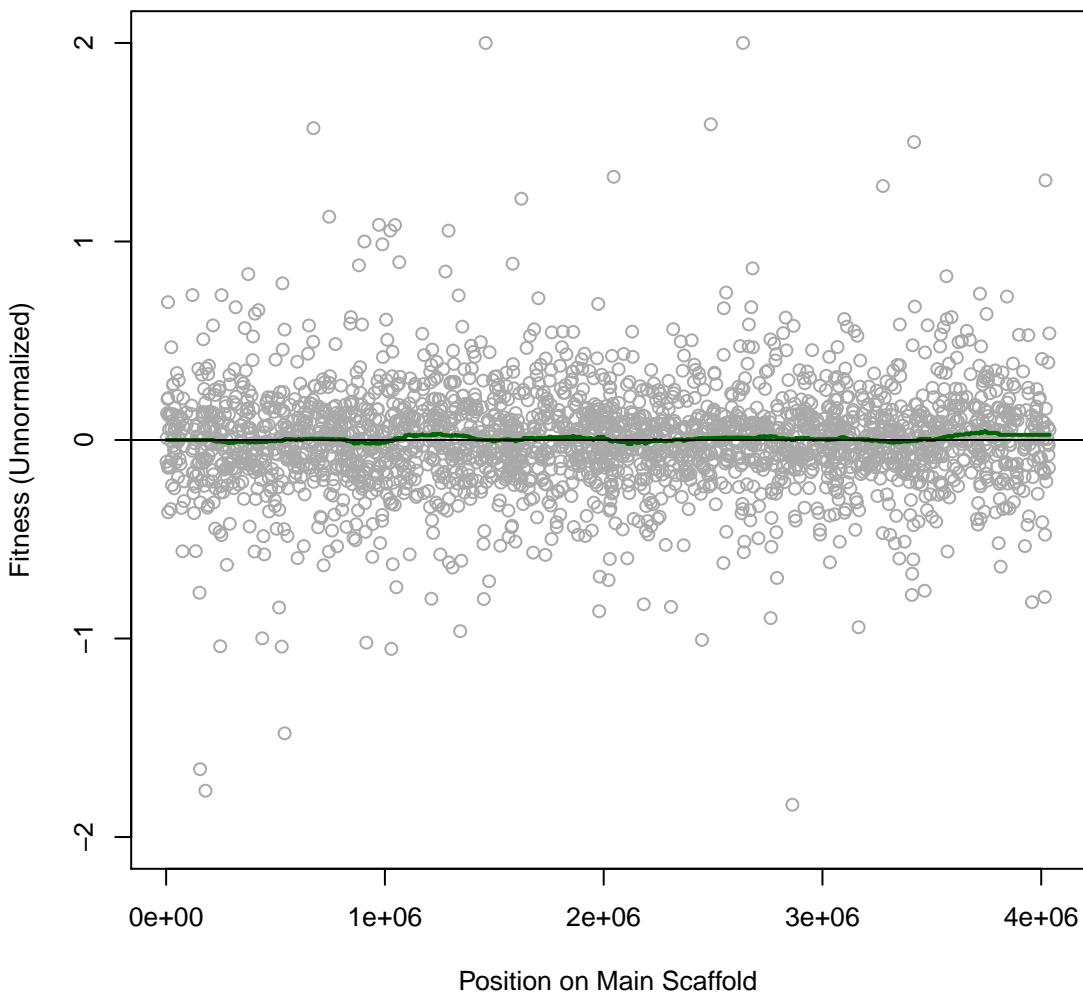


**Miya 4IT020 #114 (gMed=405 rho12=0.339)**

**MoYLS4 with Ceftazidime 1 mg/ml**

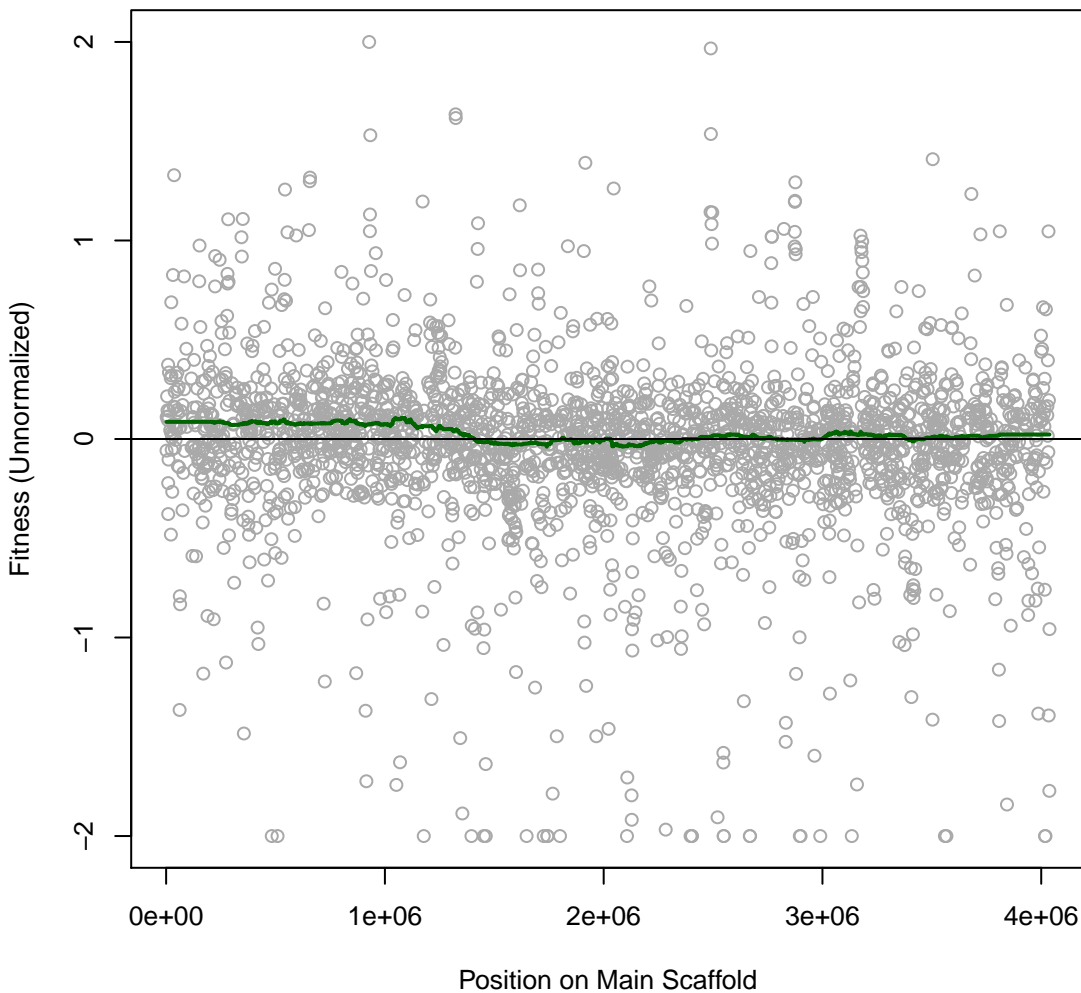


**Miya 4IT021 #115 (gMed=459 rho12=0.001)**  
**Time0**



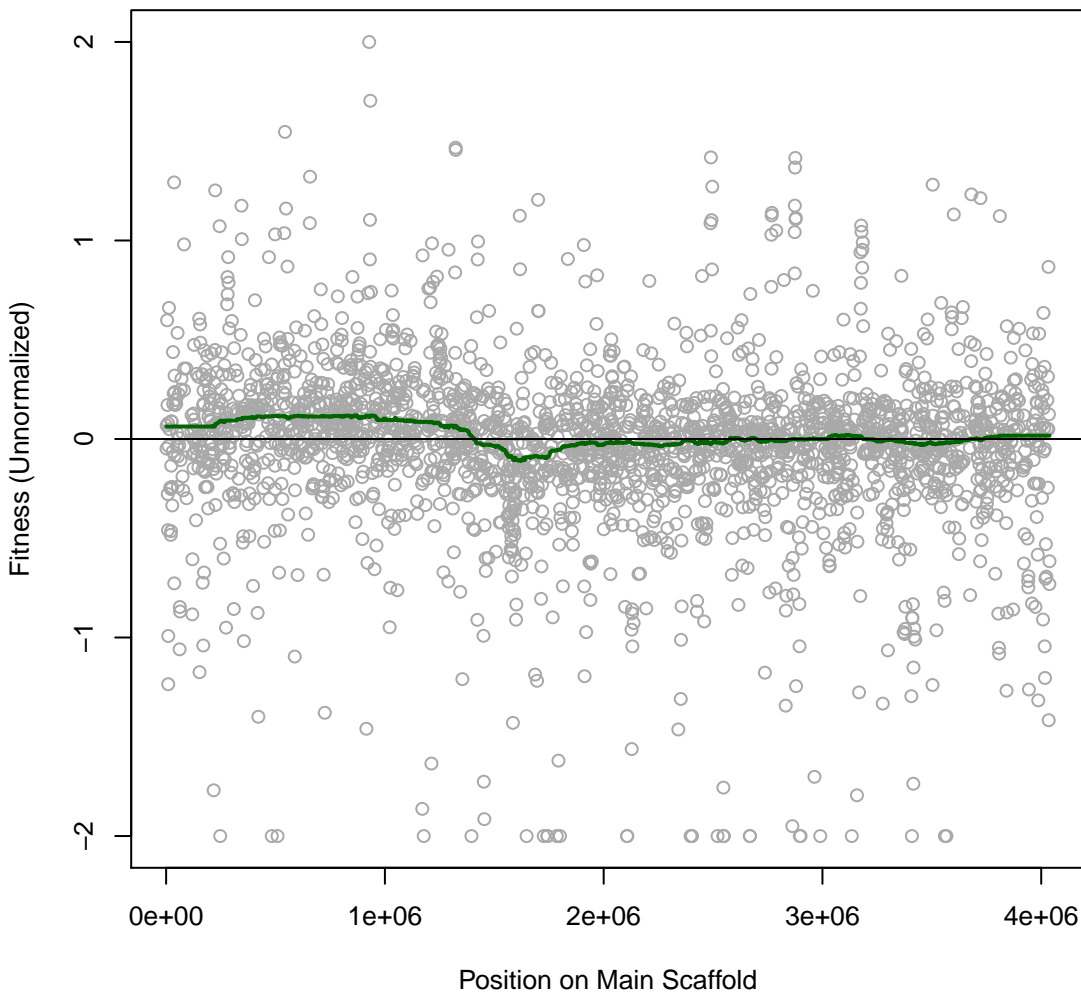
**Miya 4IT022 #116 (gMed=367 rho12=0.333)**

**MoYLS4 with Ceftazidime 0.9 mg/ml**



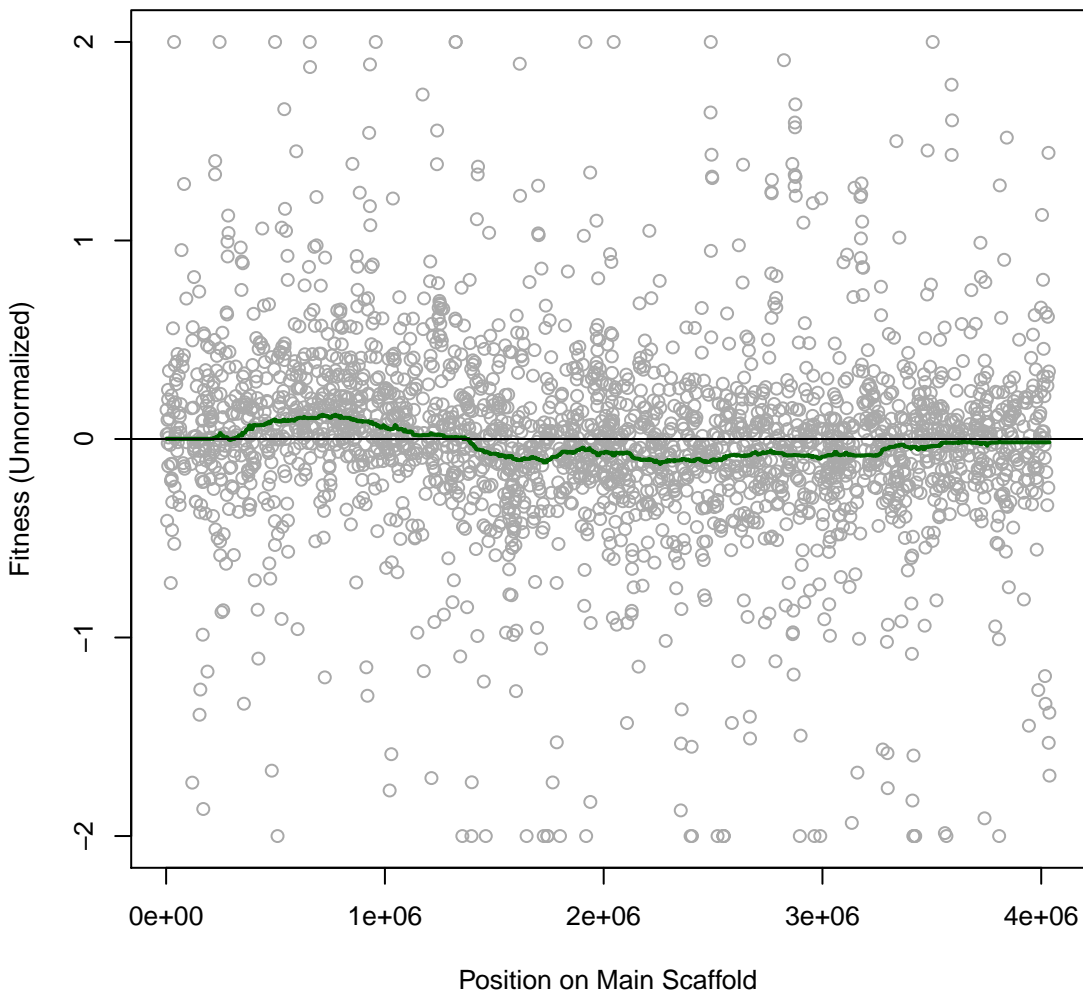
**Miya 4IT023 #117 (gMed=298 rho12=0.345)**

**MoYLS4 with Ceftazidime 0.75 mg/ml**



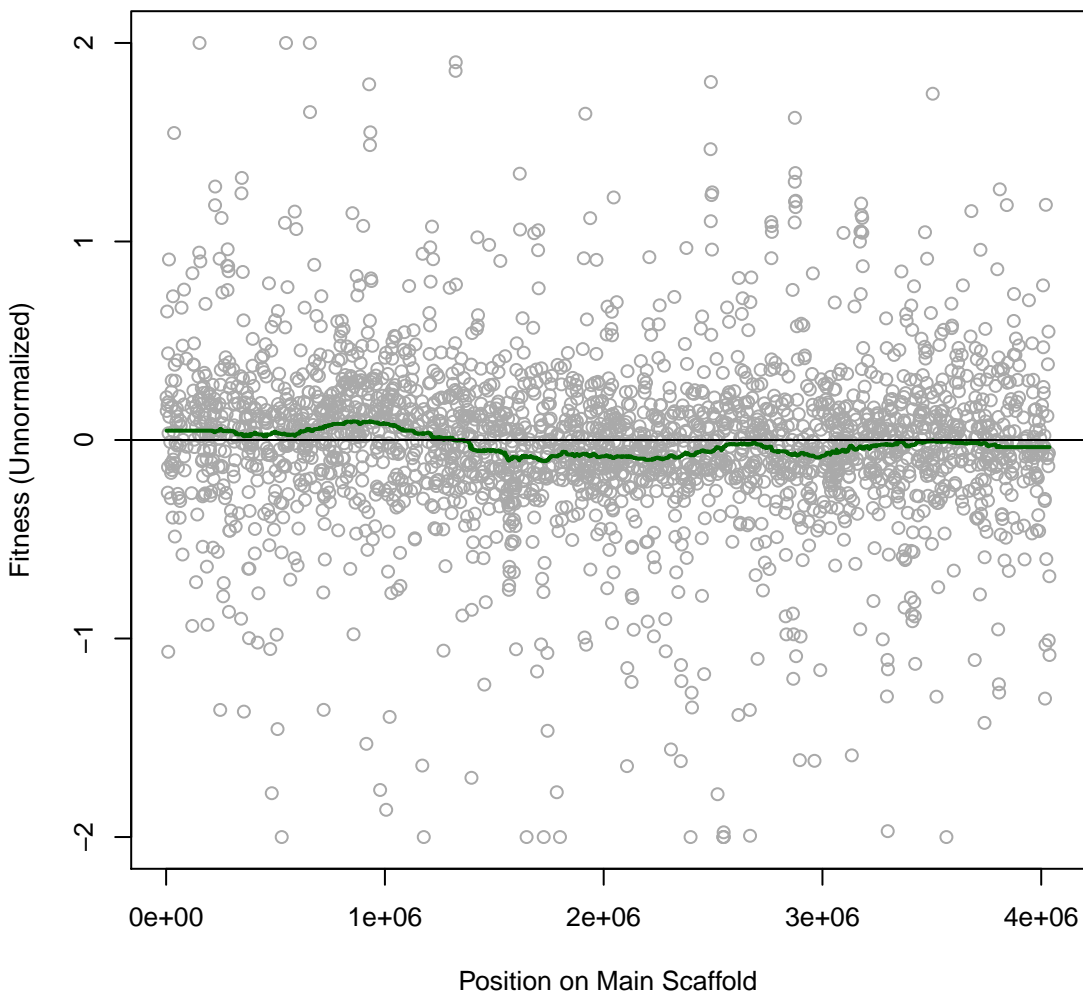
**Miya 4IT024 #118 (gMed=257 rho12=0.313)**

**MoYLS4 with Ceftazidime 0.6 mg/ml**



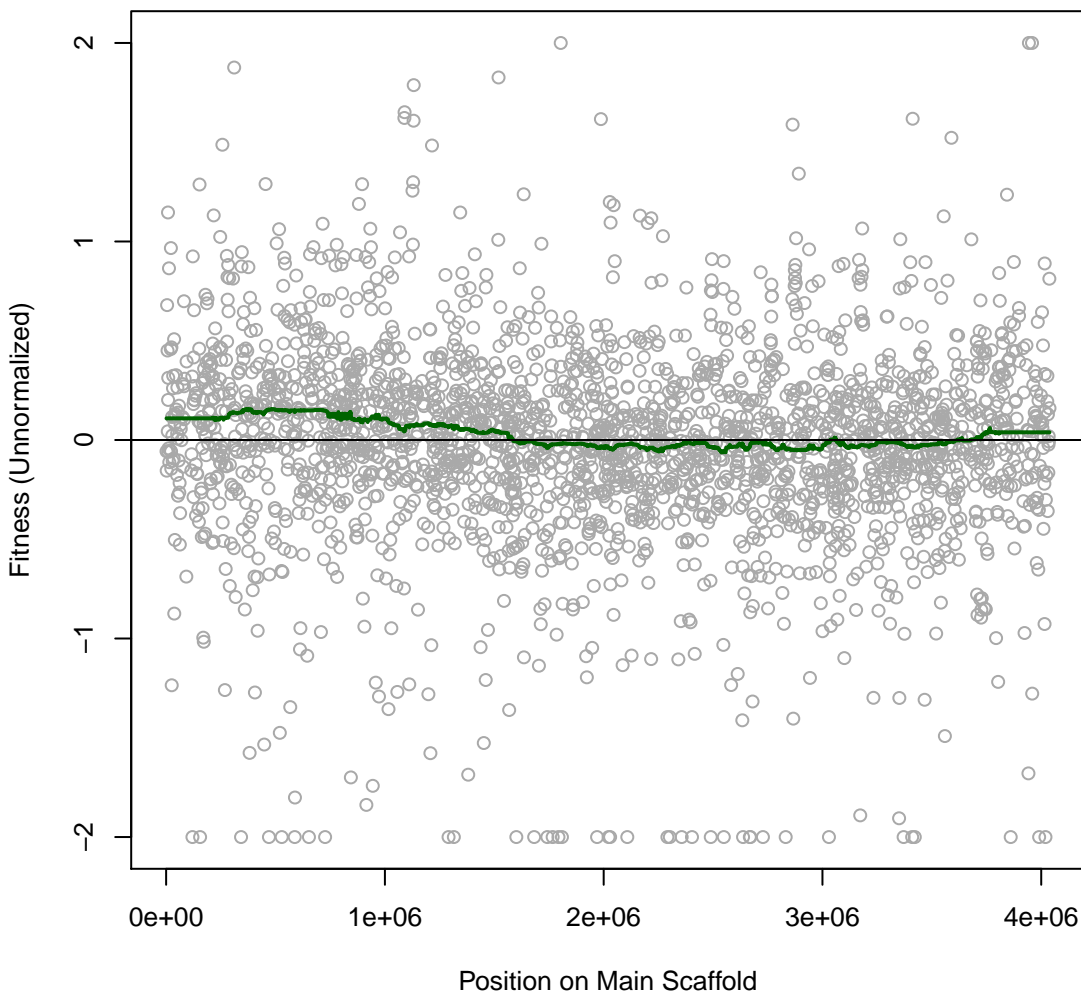
**Miya 4IT025 #119 (gMed=403 rho12=0.269)**

**MoYLS4 with Ceftazidime 0.5 mg/ml**



**Miya 4IT034 #120 (gMed=235 rho12=0.121)**

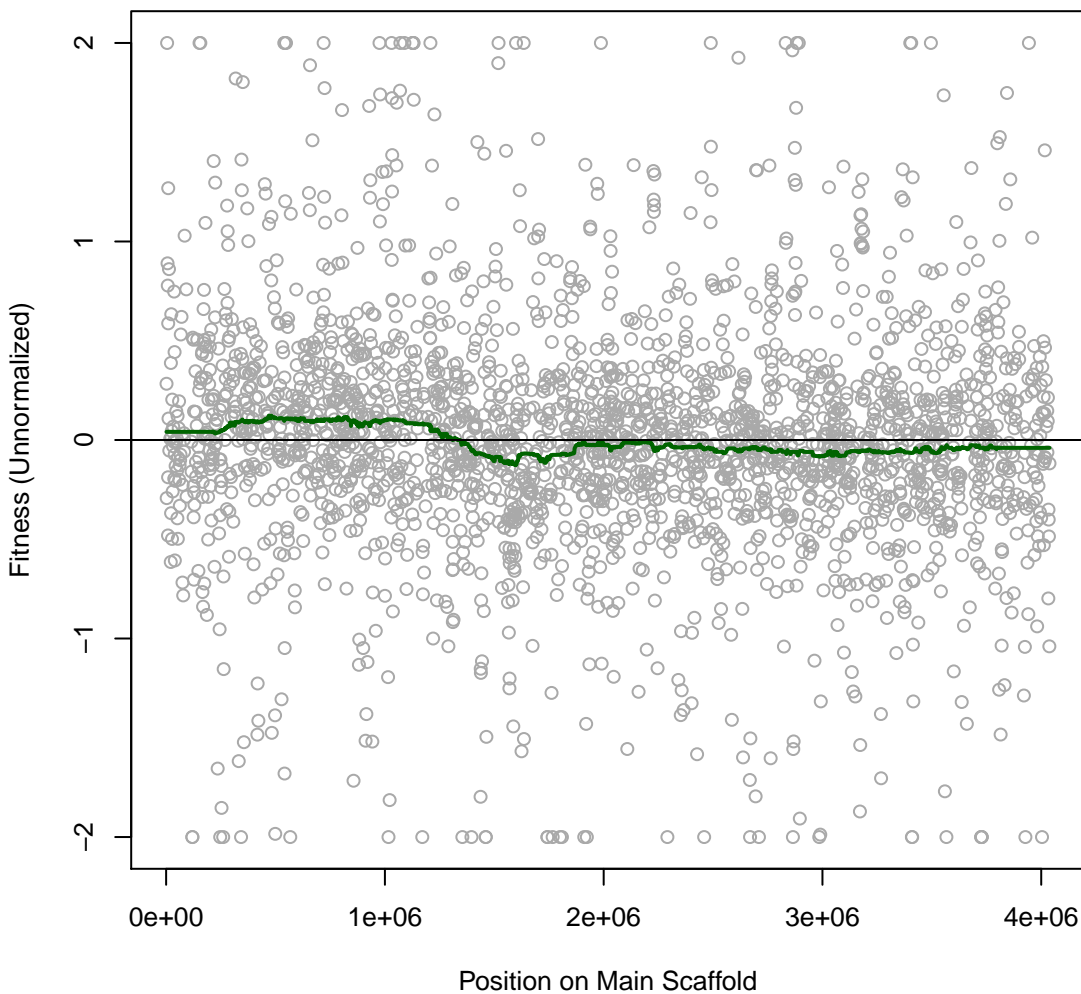
**MoYLS4 with Rifampicin 0.4 mg/ml**





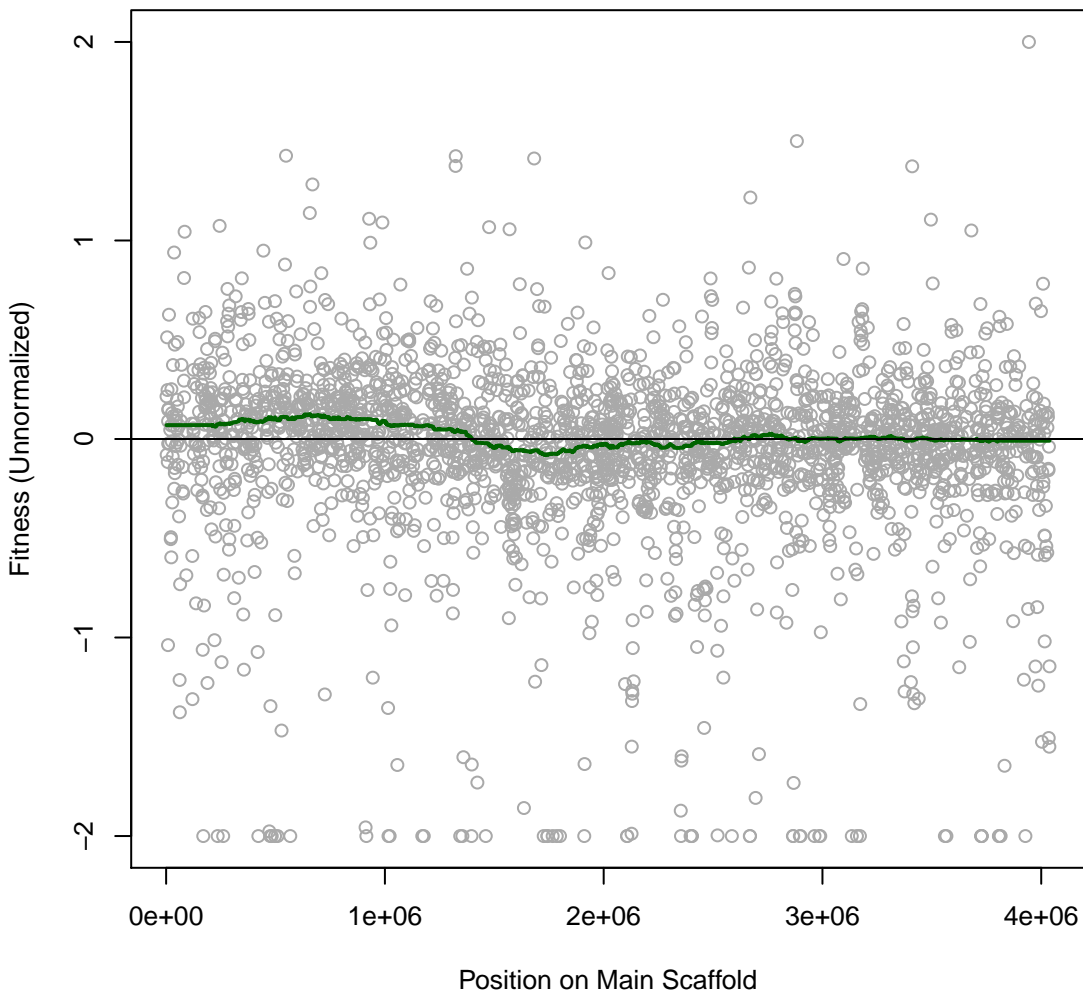
**Miya 4IT035 #121 (gMed=314 rho12=0.364)**

**MoYLS4 with Rifampicin 0.2 mg/ml**

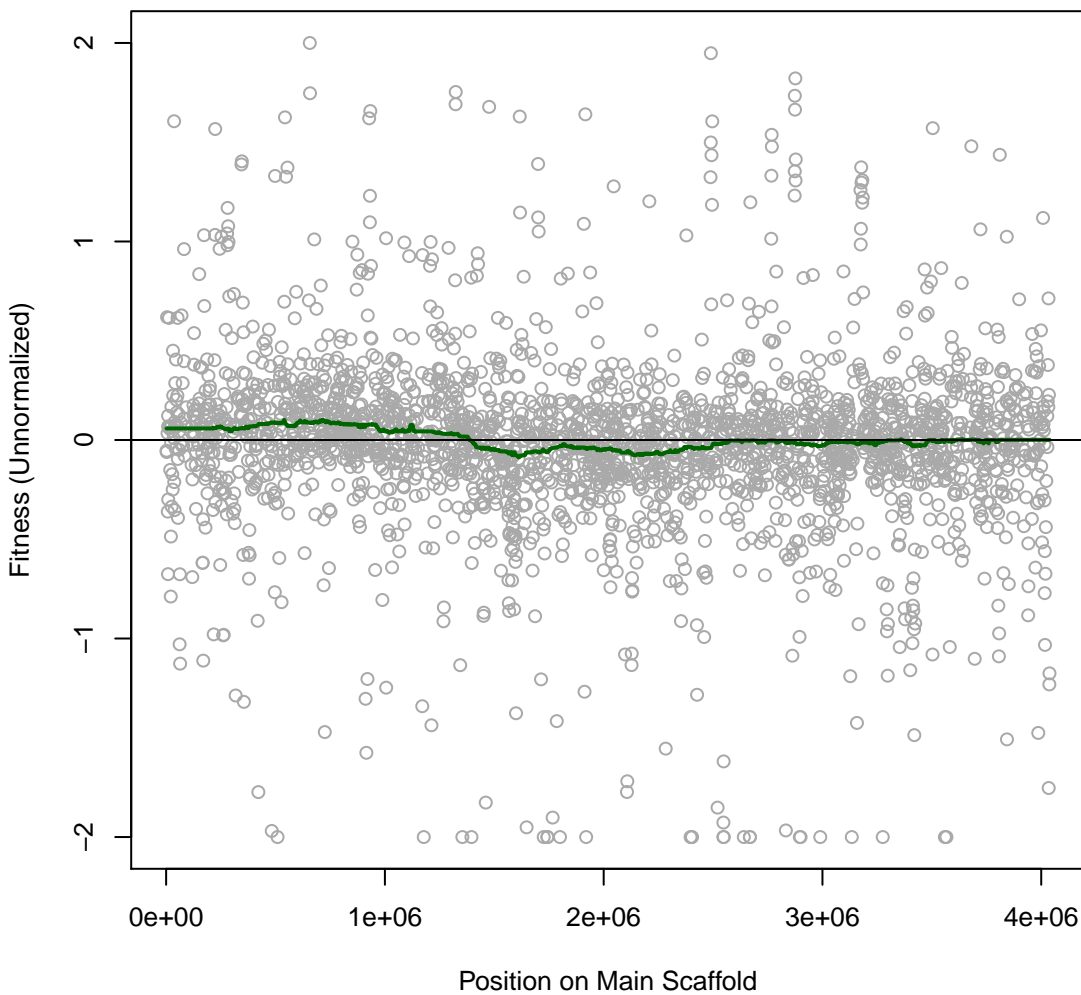


**Miya 4IT036 #122 (gMed=407 rho12=0.392)**

**MoYLS4 with Rifampicin 0.1 mg/ml**

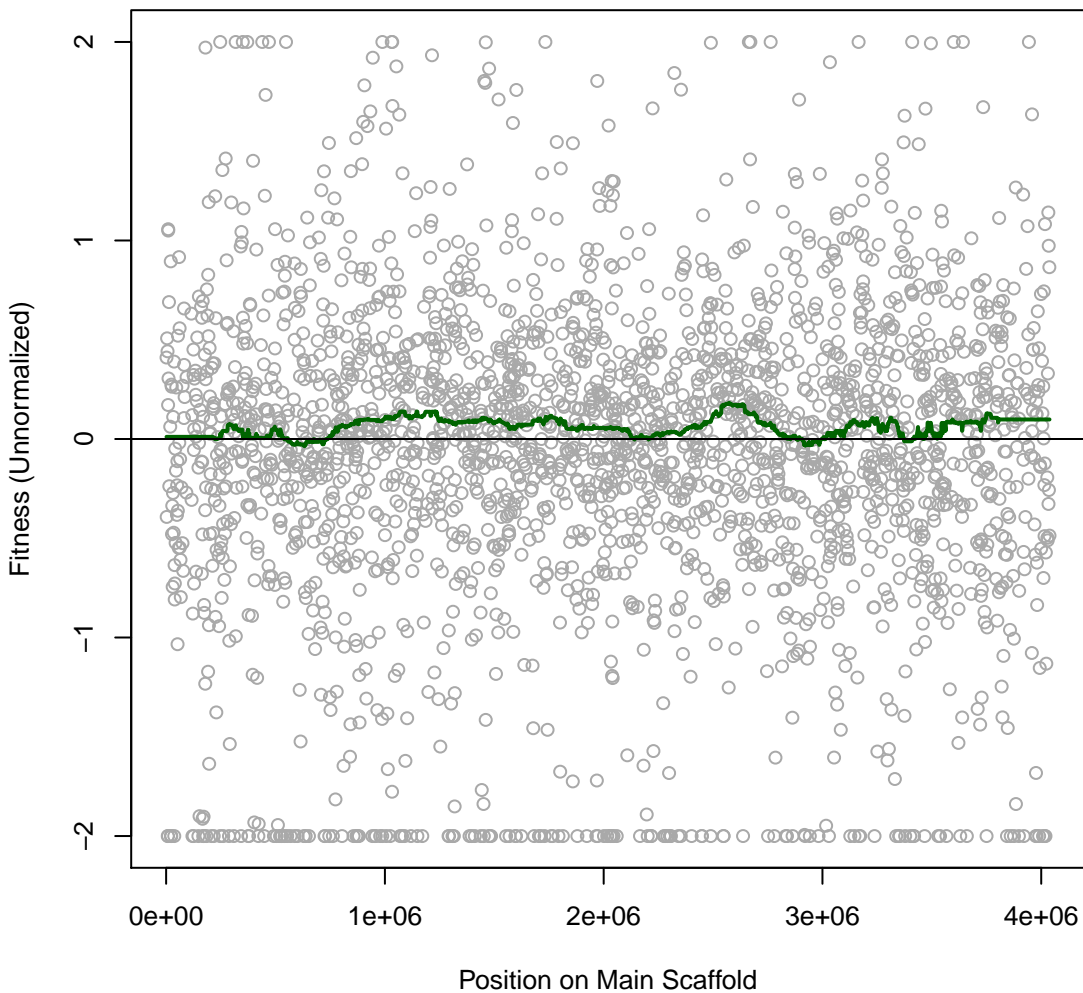


**Miya 4IT037 #123 (gMed=427 rho12=0.314)**  
**rich MoYLS4**



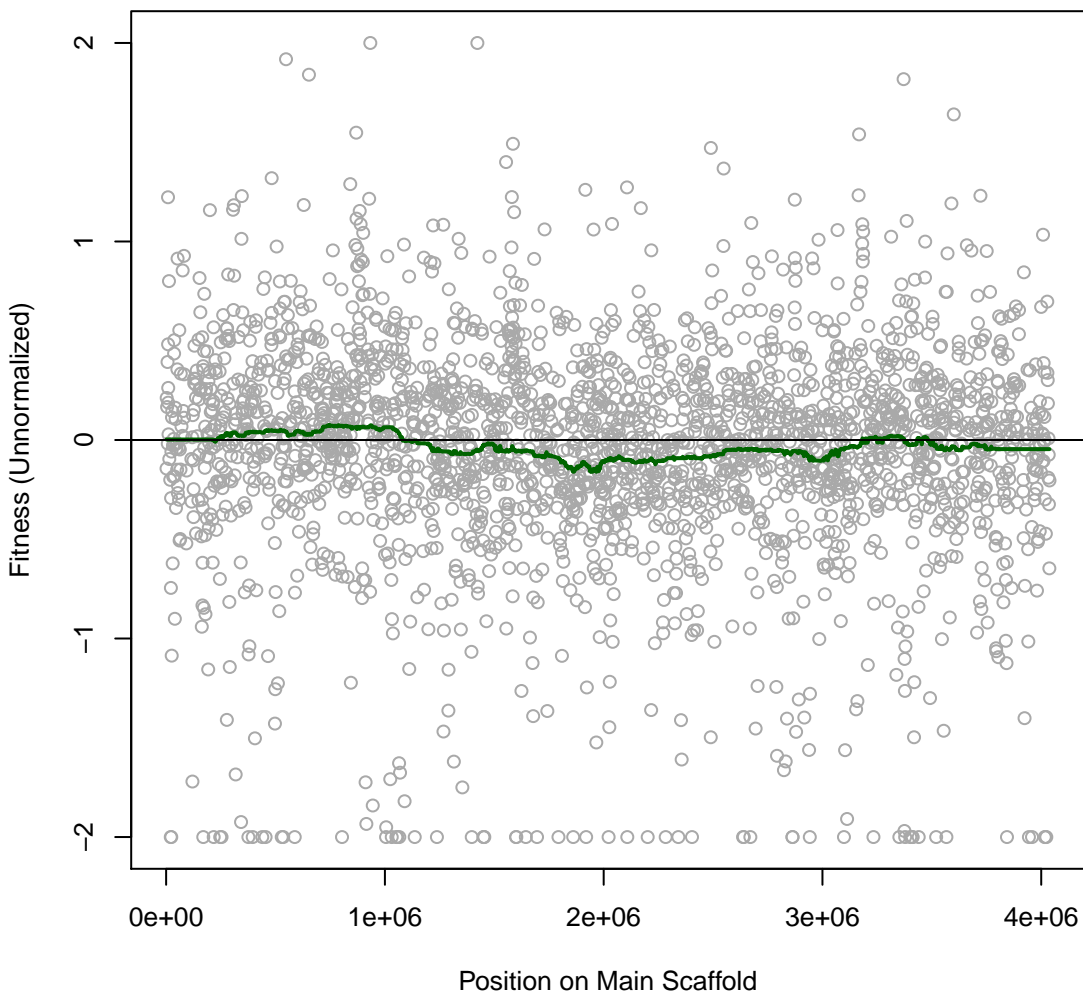
**Miya 4IT038 #124 (gMed=117 rho12=0.067)**

**MoYLS4 with methylglyoxal 0.045 %**



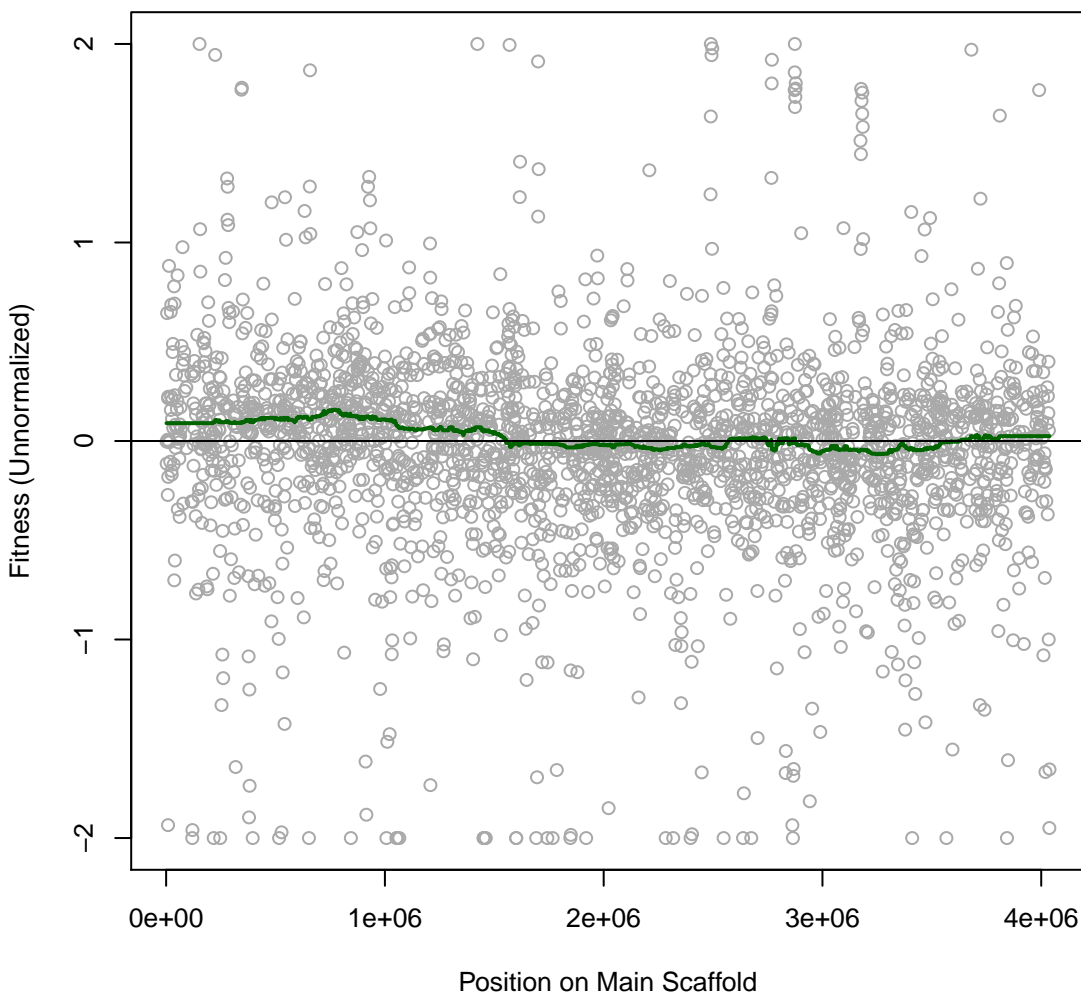
**Miya 4IT039 #125 (gMed=249 rho12=0.108)**

**MoYLS4 with methylglyoxal 0.031 %**

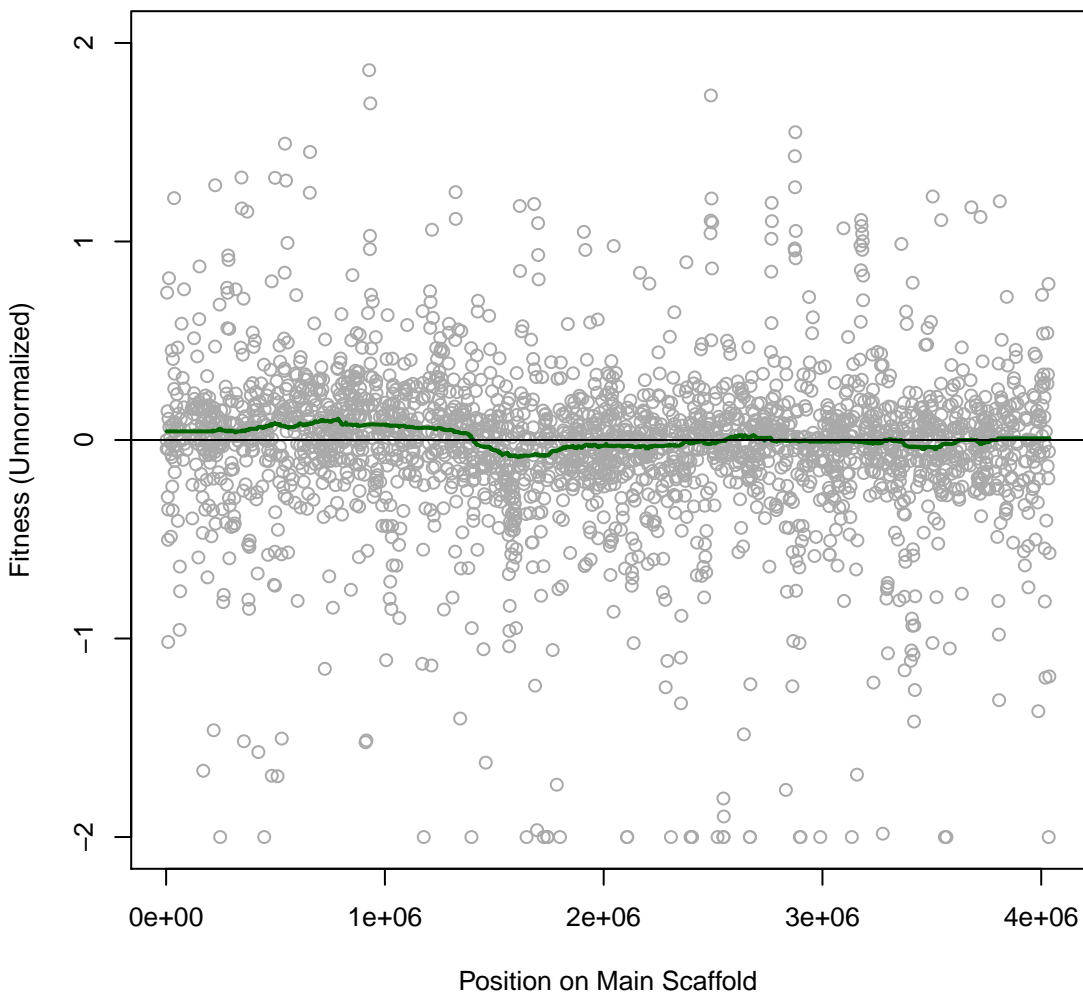


**Miya 4IT040 #126 (gMed=358 rho12=0.224)**

**MoYLS4 with methylglyoxal 0.0156 %**

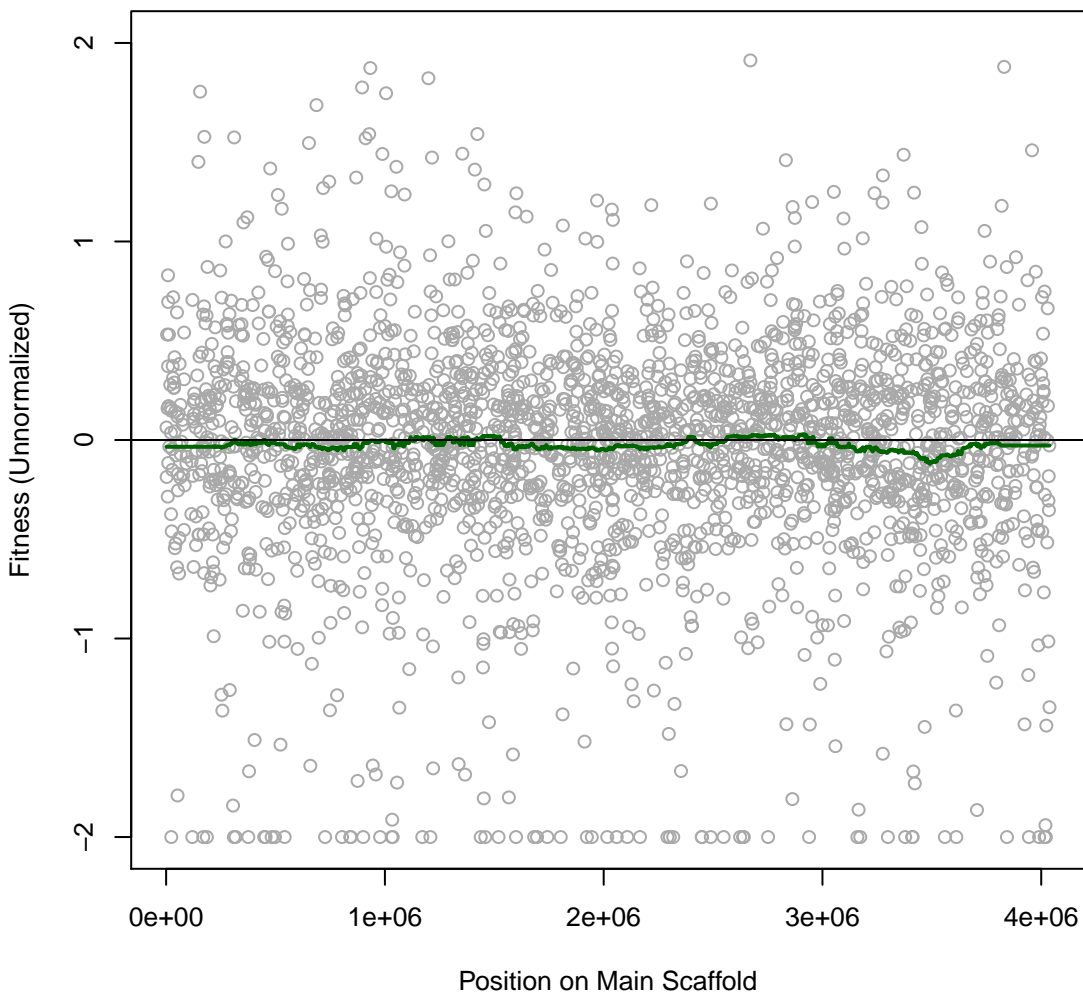


**Miya 4IT041 #127 (gMed=427 rho12=0.324)**  
**rich MoYLS4**



**Miya 4IT042 #128 (gMed=179 rho12=0.061)**

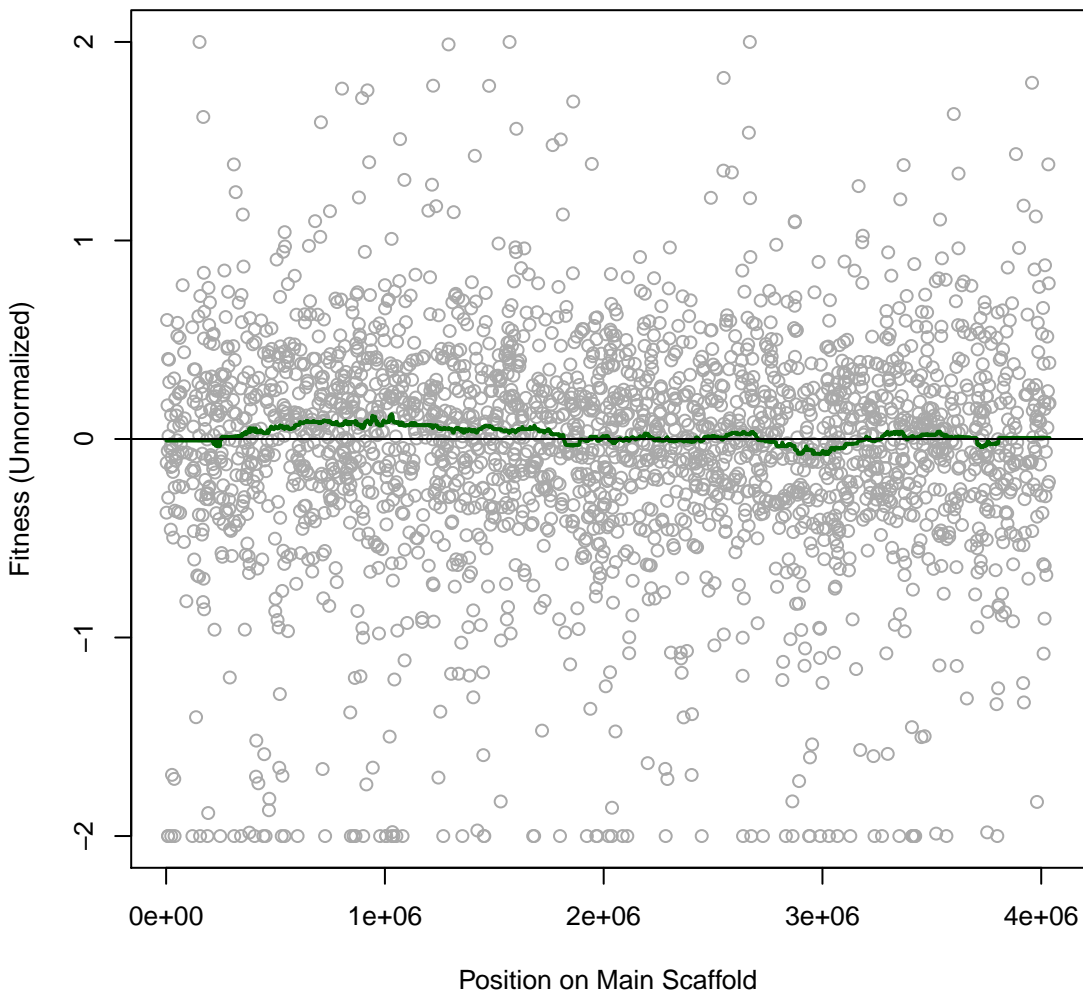
**MoYLS4 with 2-Furfuraldehyde 0.5 %**





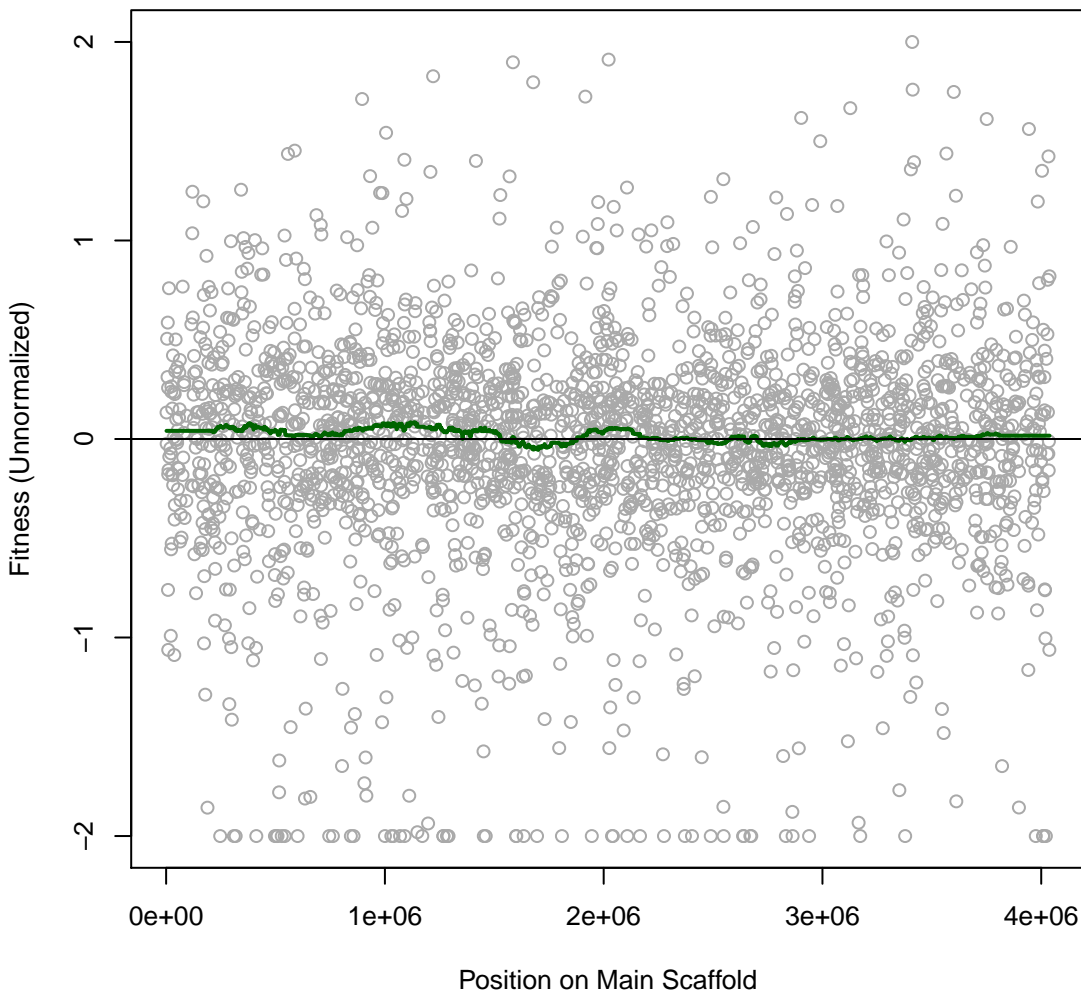
**Miya 4IT043 #129 (gMed=183 rho12=0.021)**

**MoYLS4 with 2-Furfuraldehyde 0.25 %**



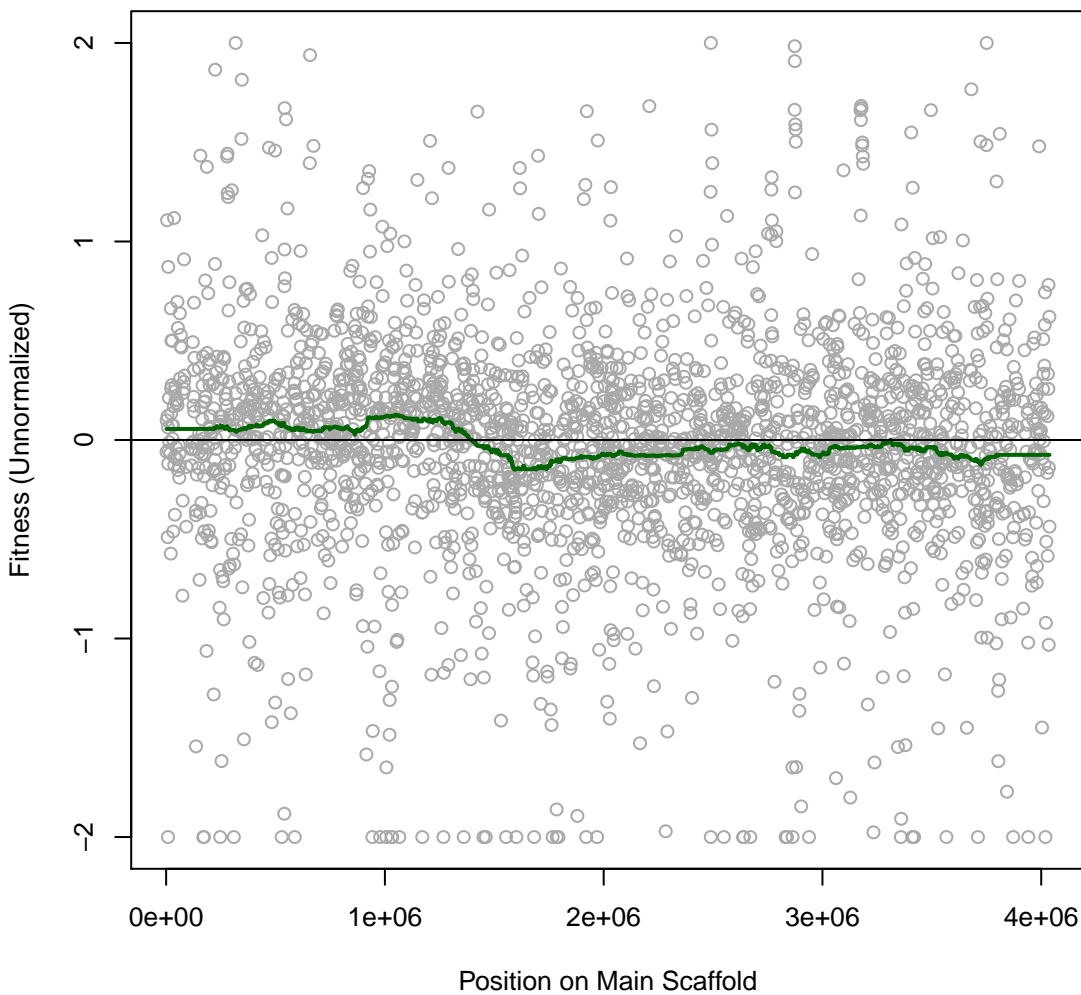
**Miya 4IT044 #130 (gMed=207 rho12=0.037)**

**MoYLS4 with 2-Furfuraldehyde 0.125 %**

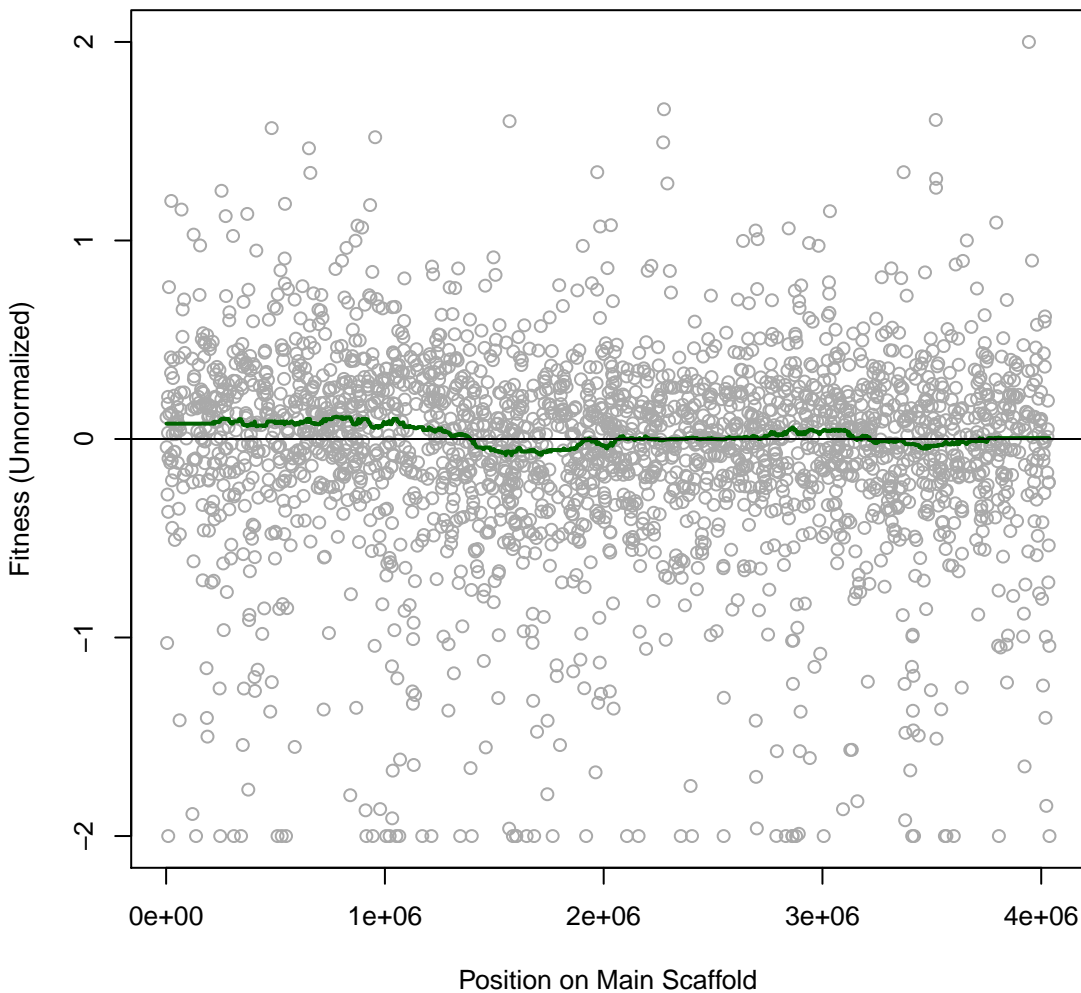


**Miya 4IT045 #131 (gMed=247 rho12=0.195)**

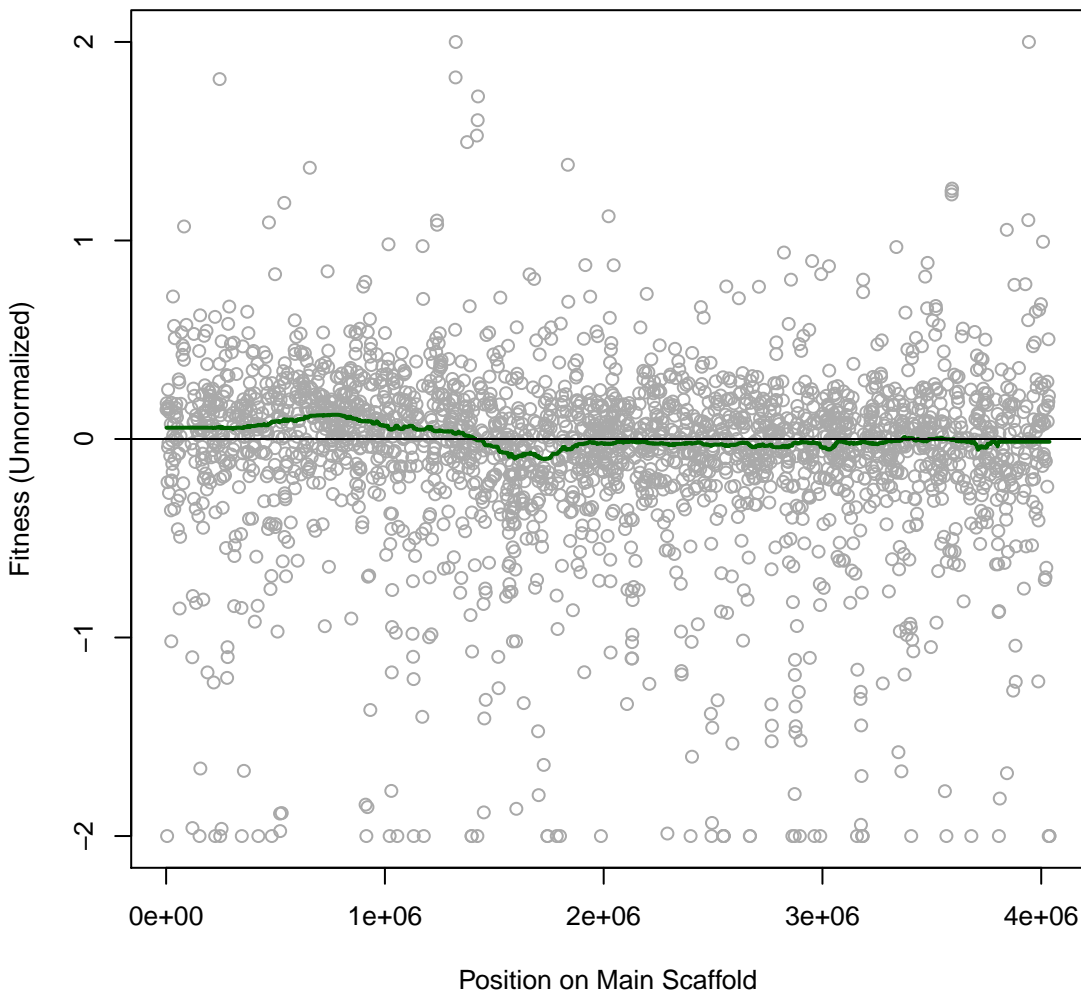
**MoYLS4 with 2-Furfuraldehyde 0.0625 %**



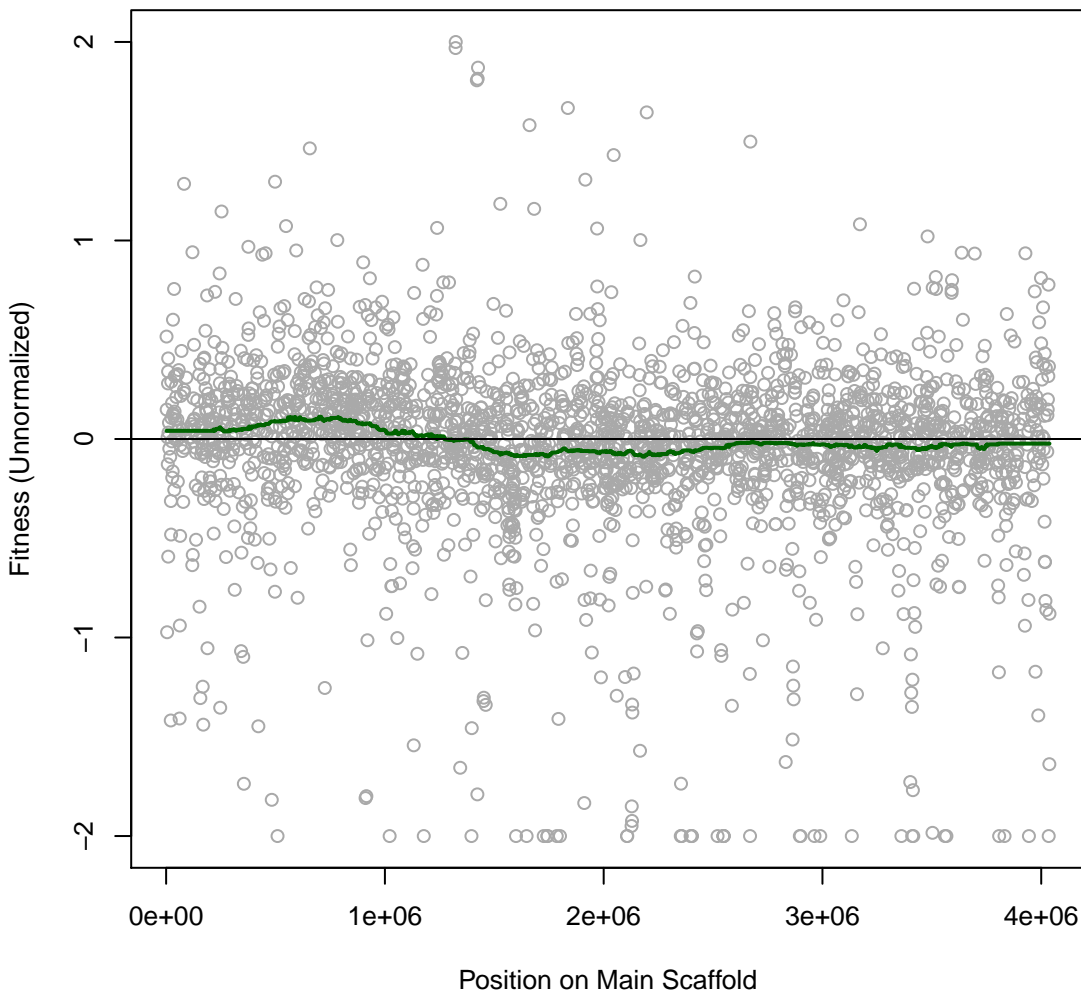
**Miya 4IT046 #132 (gMed=293 rho12=0.195)**  
**MoYLS4 with 5-Hydroxymethylfurfural 10 mM**



**Miya 4IT047 #133 (gMed=316 rho12=0.355)**  
**MoYLS4 with 5-Hydroxymethylfurfural 5 mM**

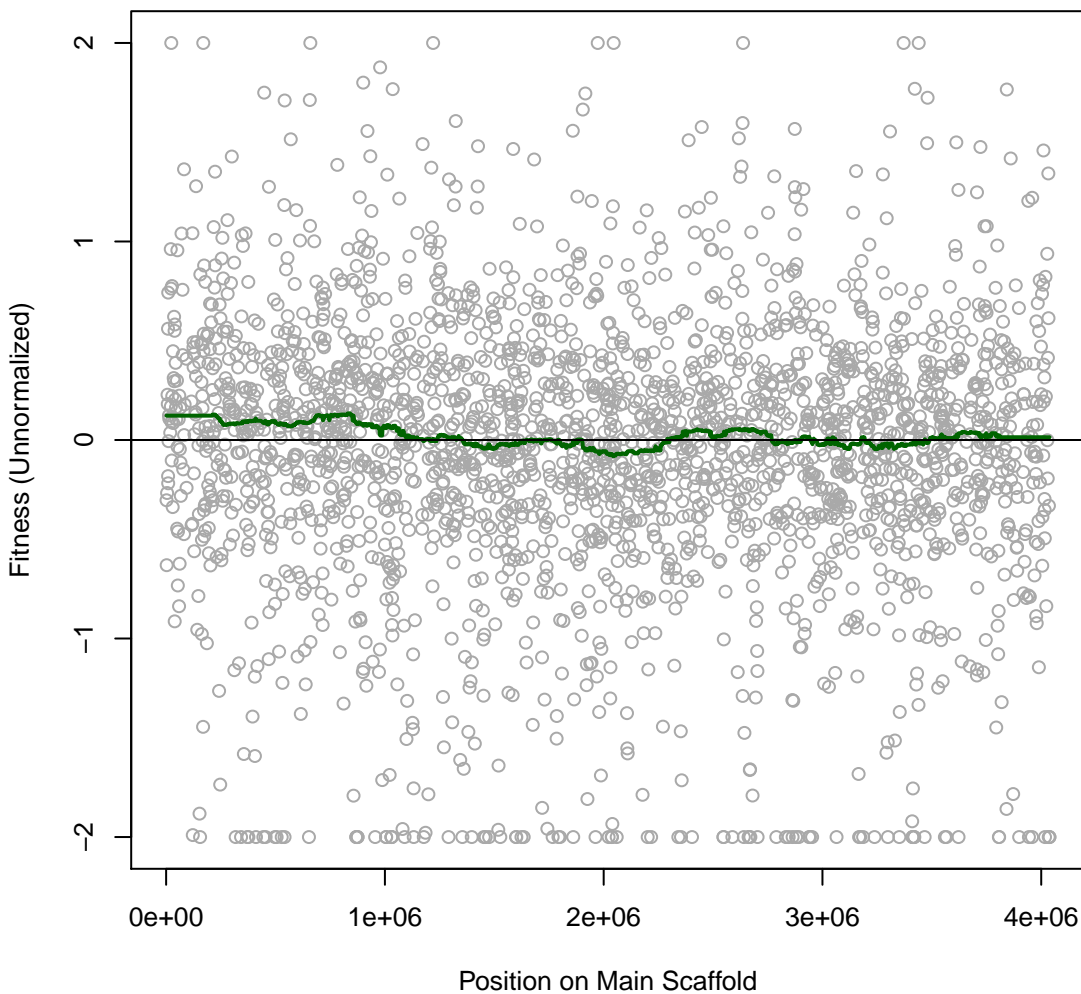


**Miya 4IT048 #134 (gMed=370 rho12=0.355)**  
**MoYLS4 with 5-Hydroxymethylfurfural 2.5 mM**

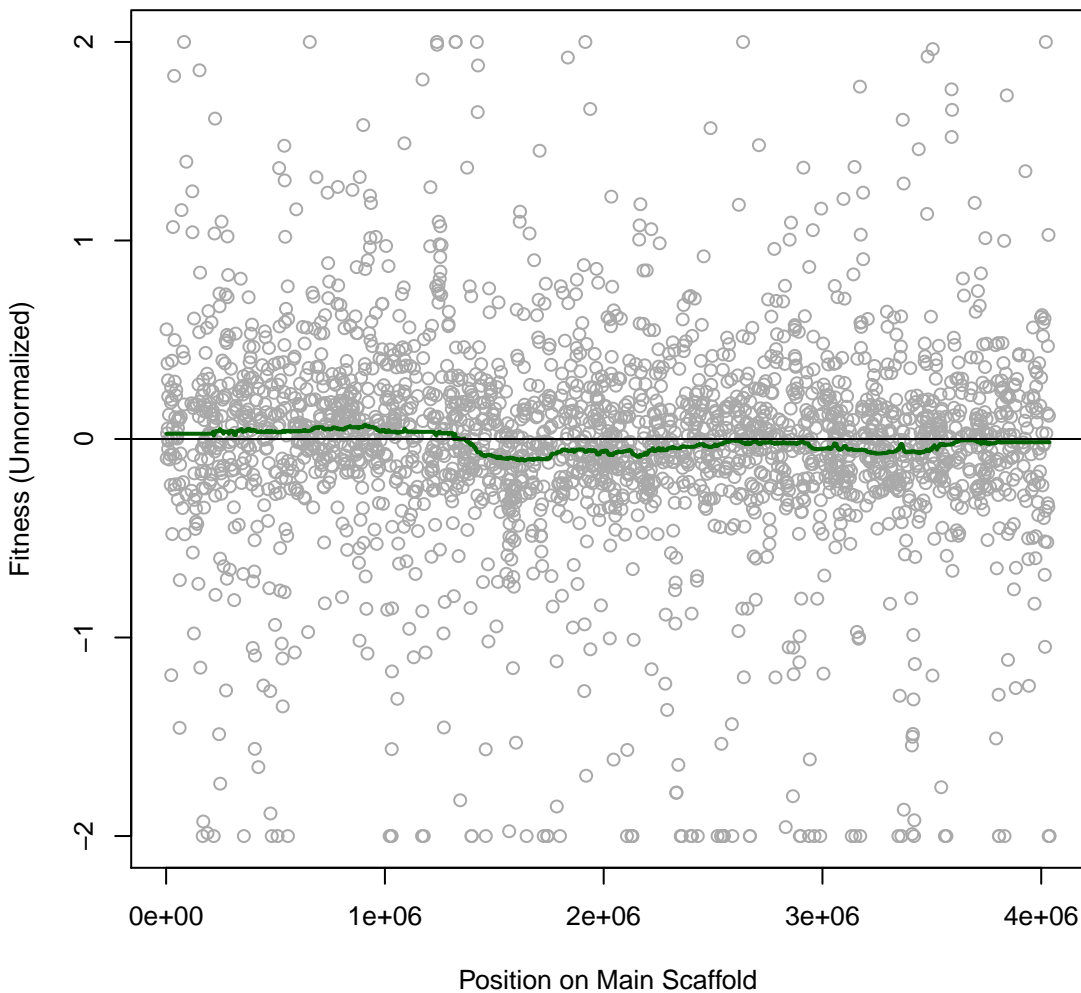


**Miya 4IT049 #135 (gMed=186 rho12=0.151)**

**MoYLS4 with Furfuryl Alcohol 1 %**

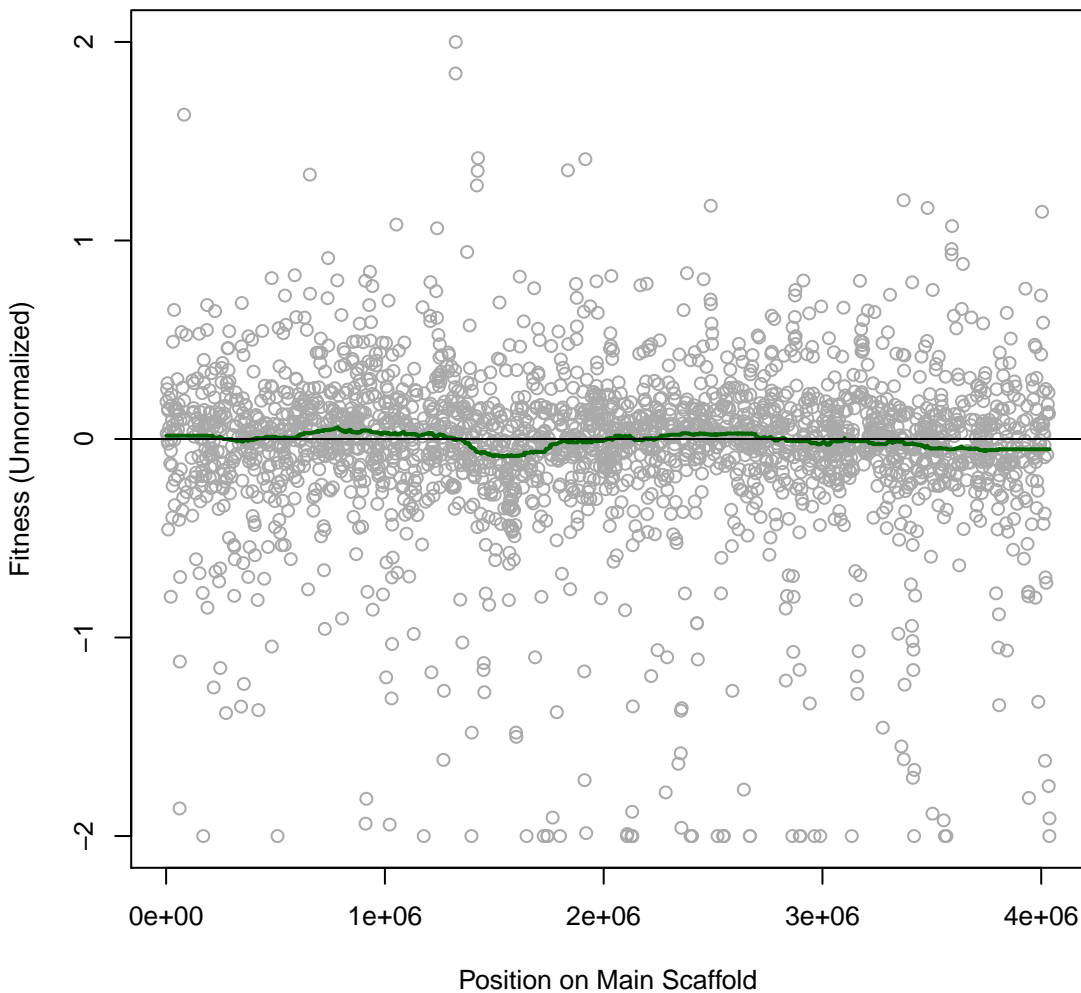


**Miya 4IT050 #136 (gMed=311 rho12=0.376)**  
**MoYLS4 with Vanillin 10 mM**



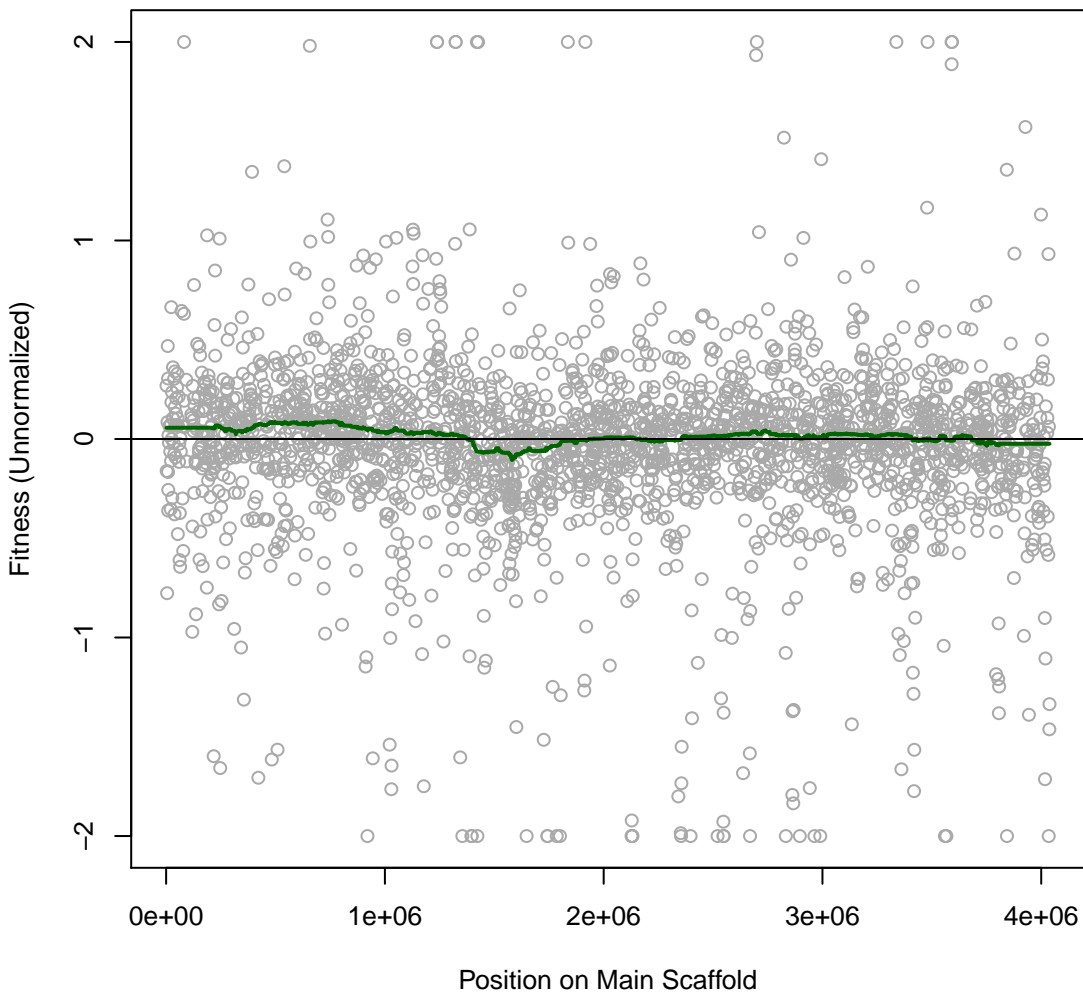


**Miya 4IT051 #137 (gMed=451 rho12=0.324)**  
**MoYLS4 with Vanillin 5 mM**



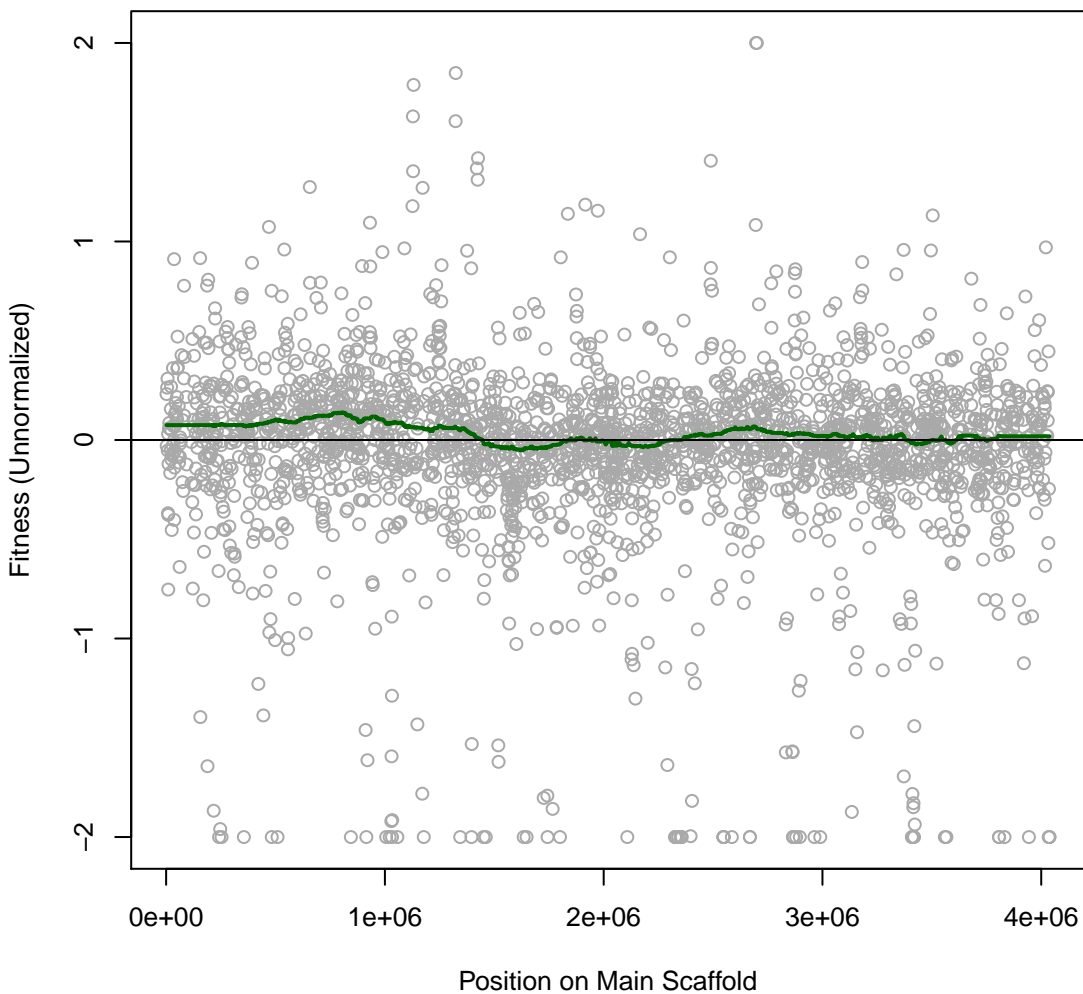
**Miya 4IT052 #138 (gMed=336 rho12=0.291)**

**MoYLS4 with Vanillin 2.5 mM**



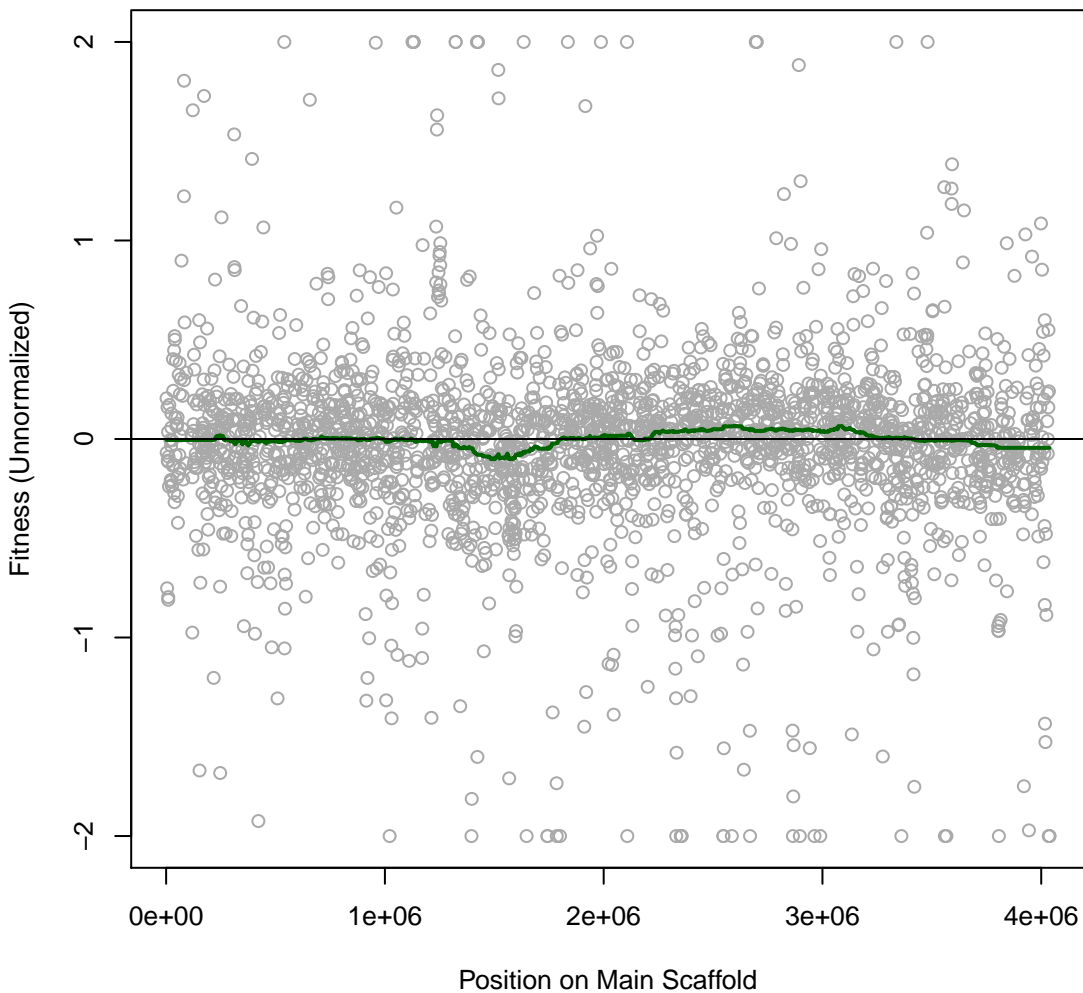
**Miya 4IT053 #139 (gMed=379 rho12=0.299)**

**MoYLS4 with Furfuryl Alcohol 0.5 %**

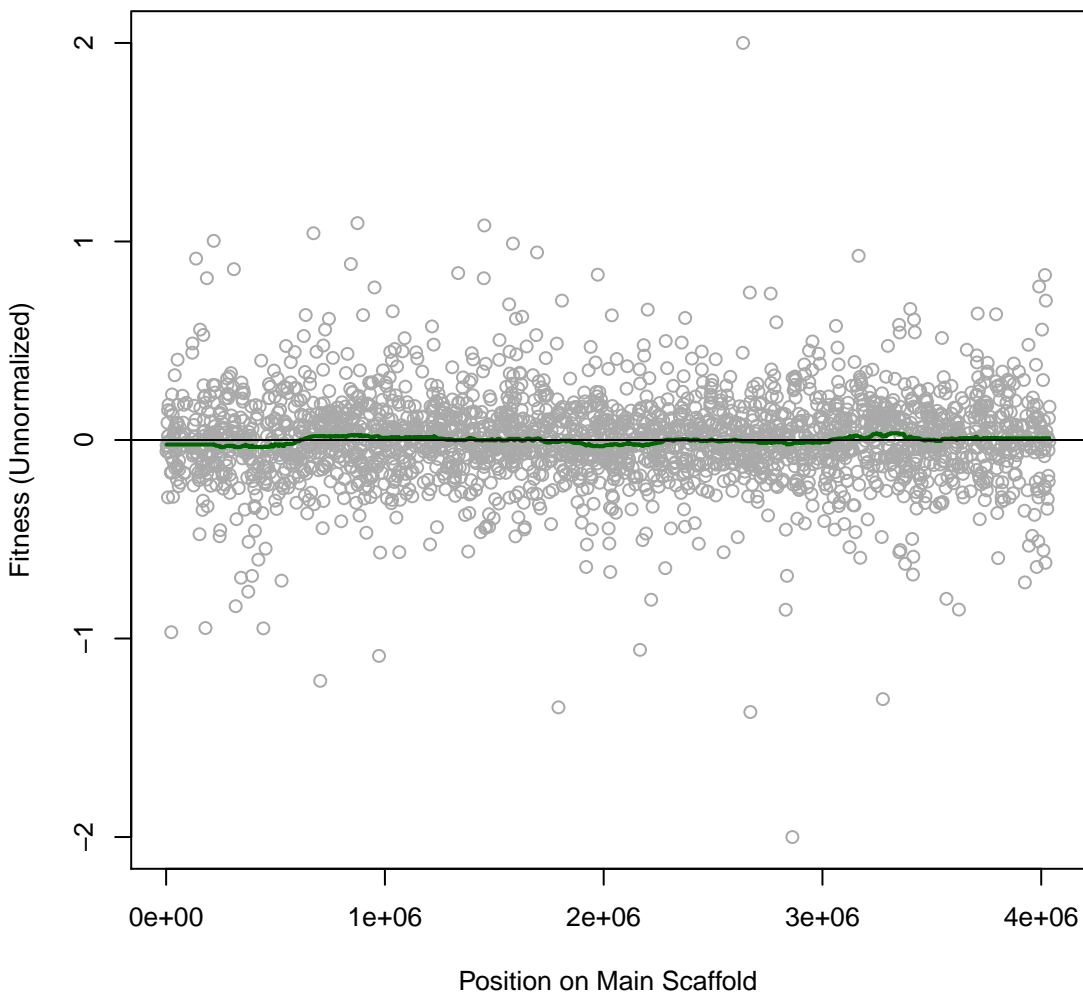


**Miya 4IT054 #140 (gMed=380 rho12=0.272)**

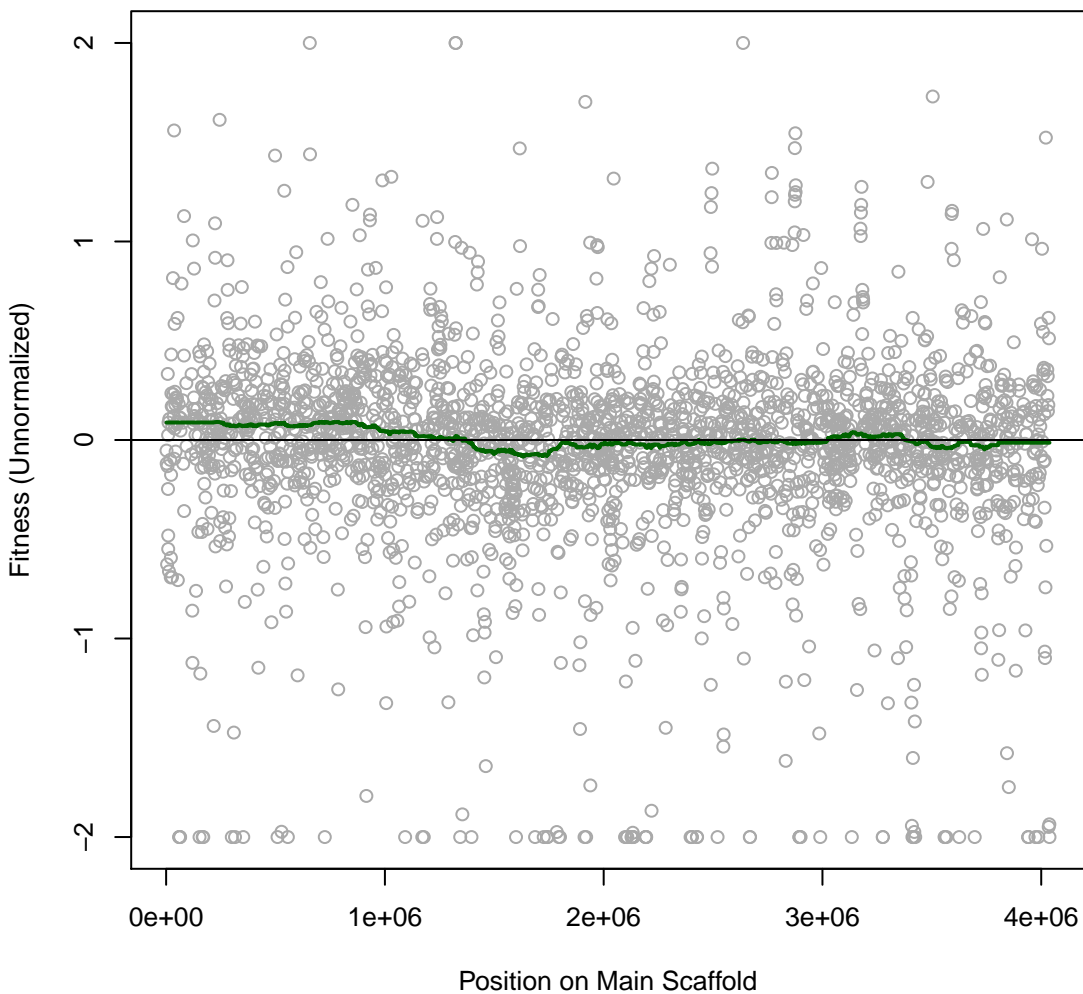
**MoYLS4 with Furfuryl Alcohol 0.25 %**



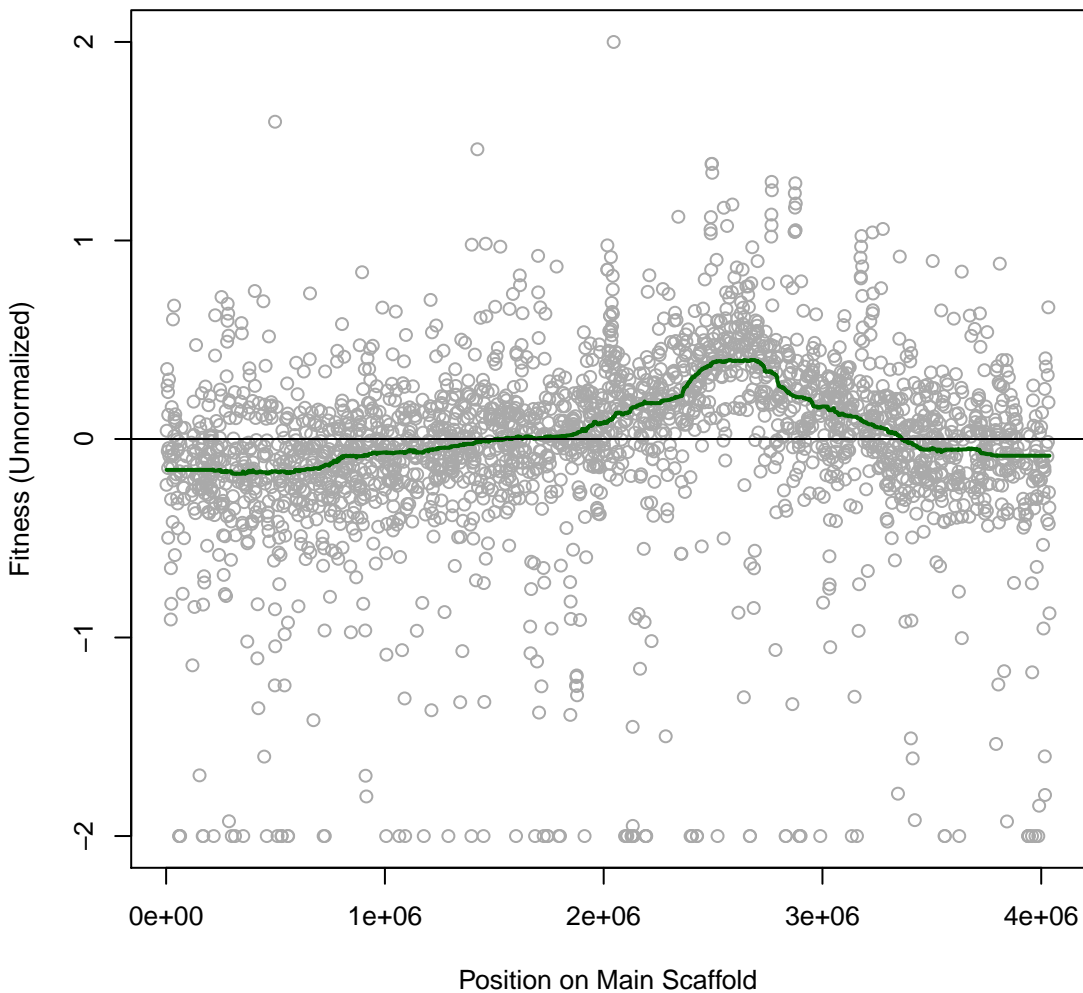
**Miya 4IT055 #141 (gMed=457 rho12=0.028)**  
**Time0**



**Miya 4IT056 #142 (gMed=363 rho12=0.394)**  
**Defined MoLS4**

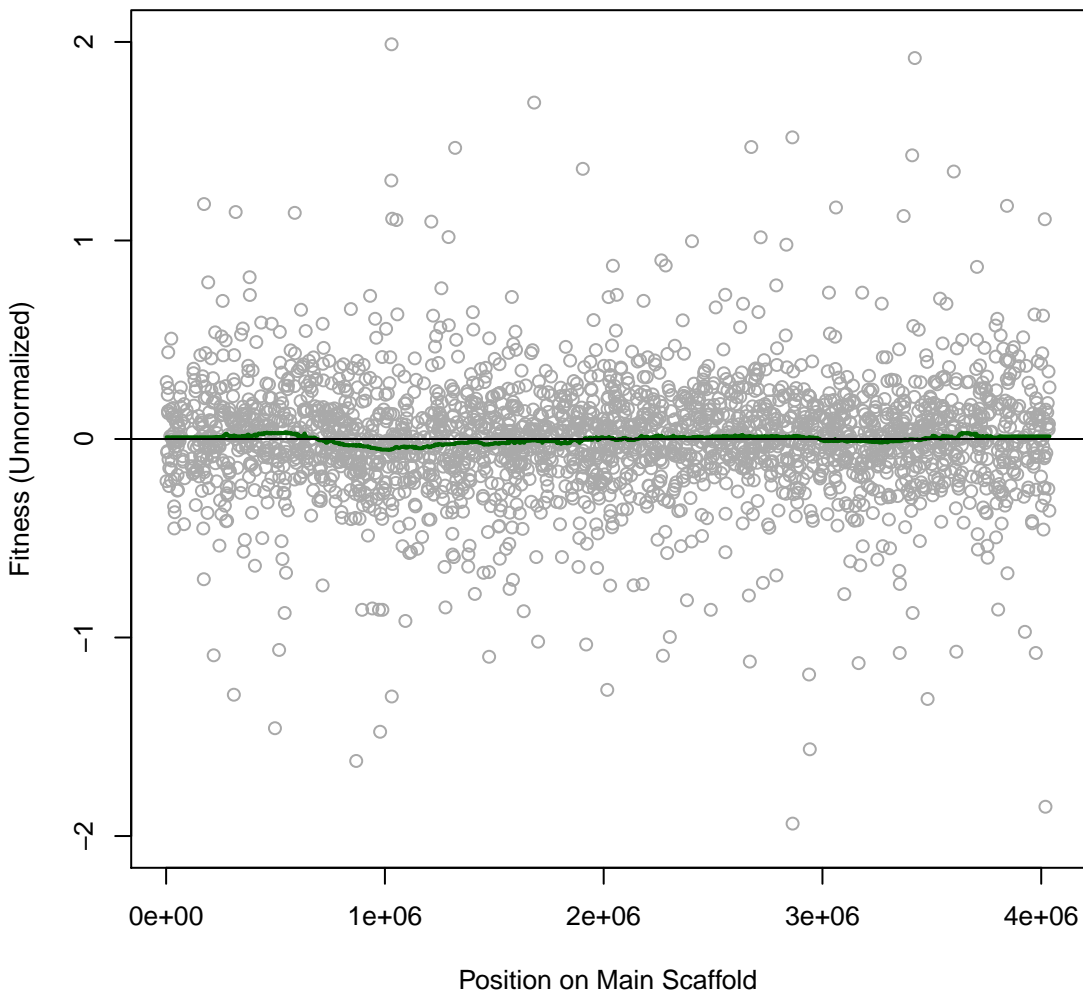


**Miya 4IT057 #143 (gMed=335 rho12=0.347)**  
**Defined MoLS4**



**Miya 6IT001 #144 (gMed=155 rho12=-0.022)**

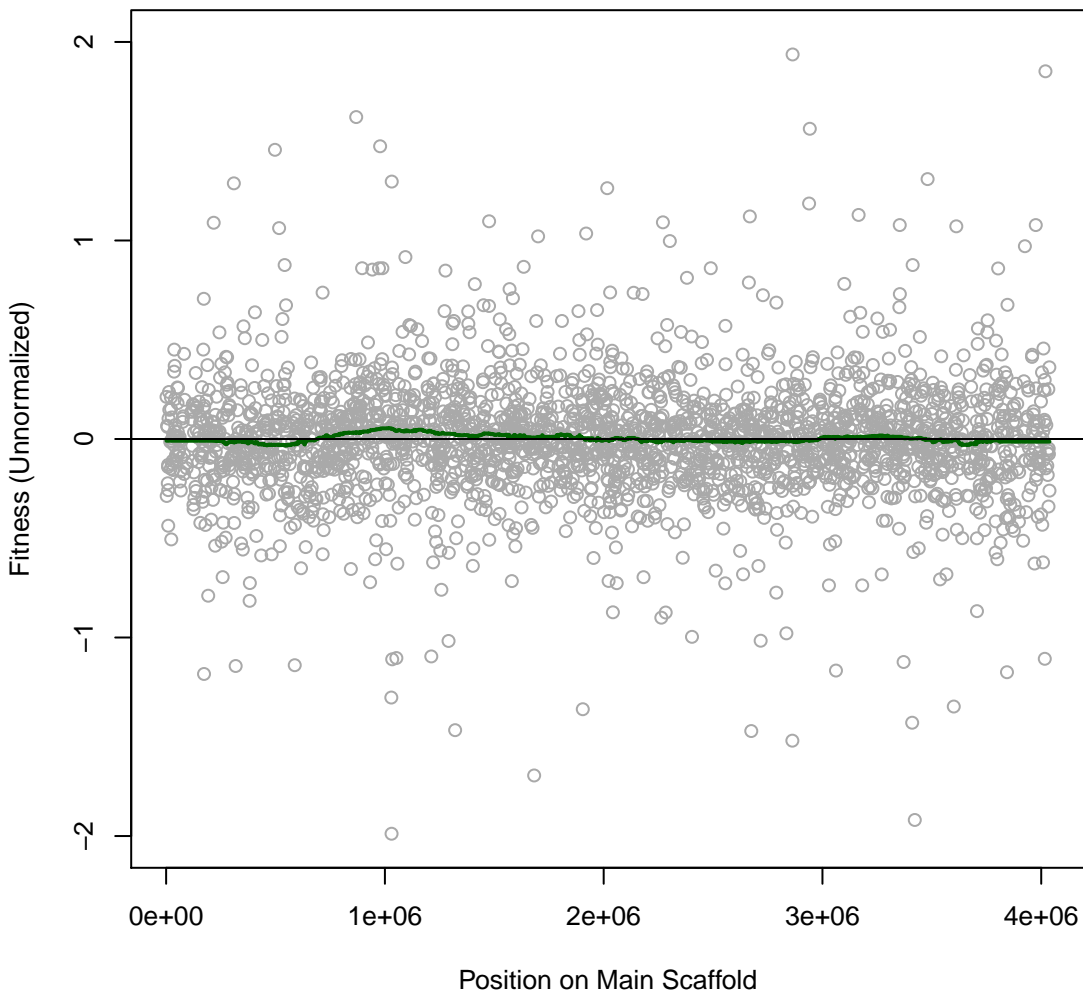
**Time0**





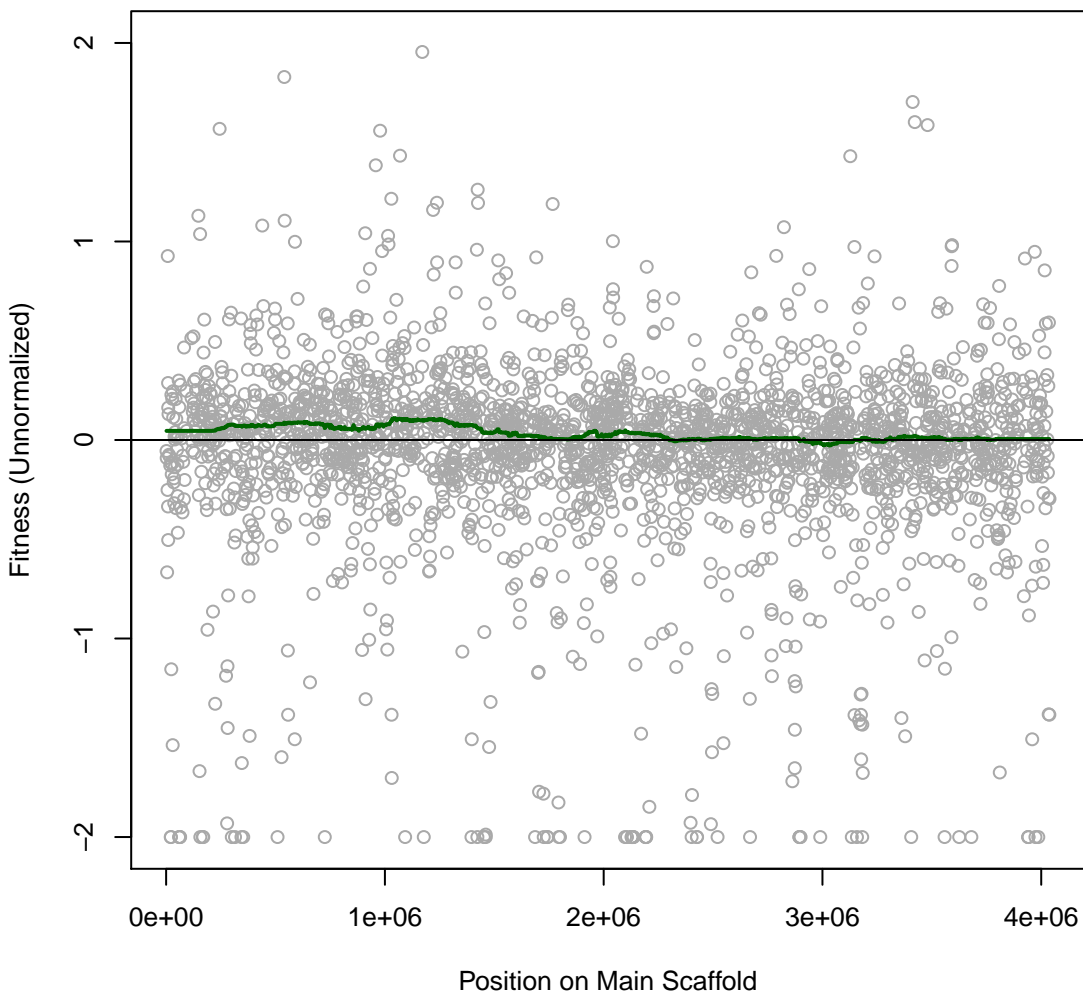
**Miya 6IT002 #145 (gMed=174 rho12=-0.022)**

**Time0**



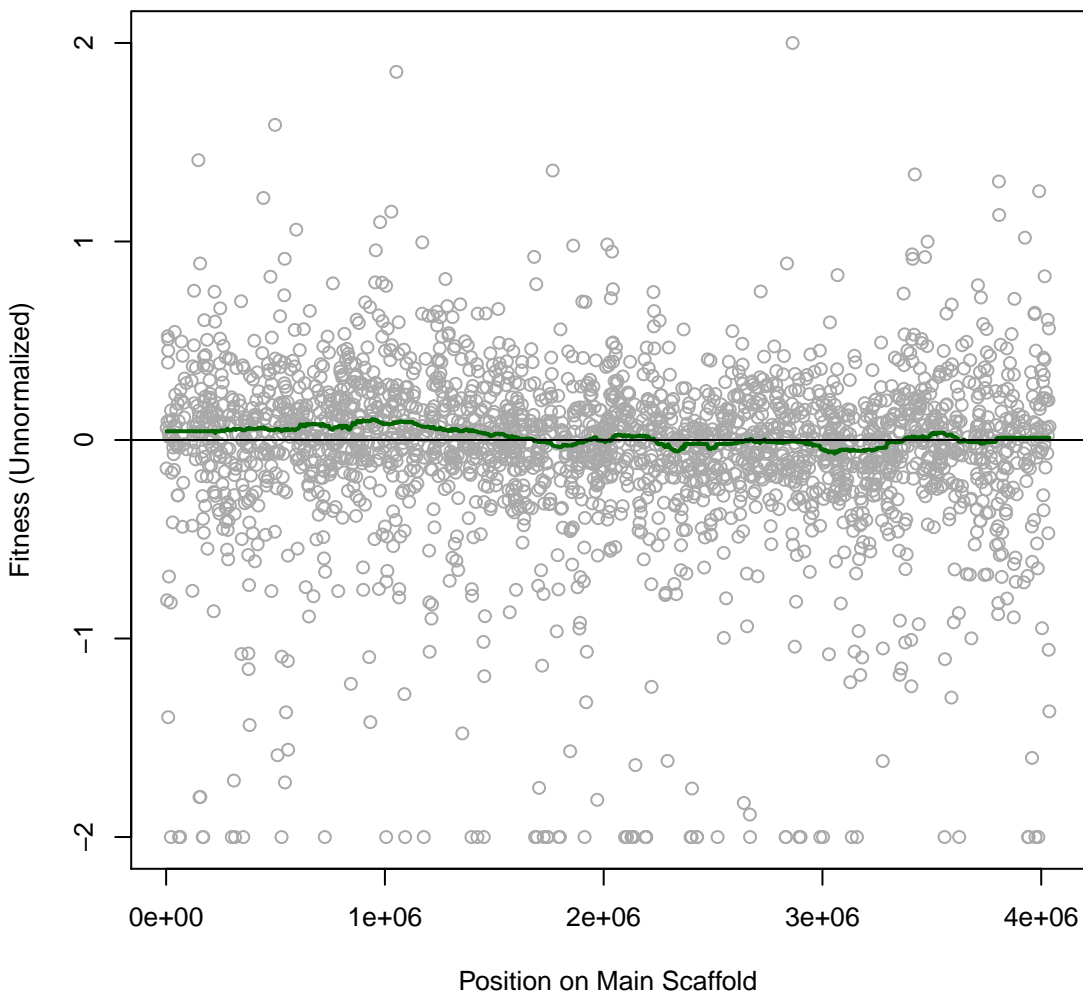
**Miya 6IT003 #146 (gMed=167 rho12=0.331)**

**D-Lactate (C)**



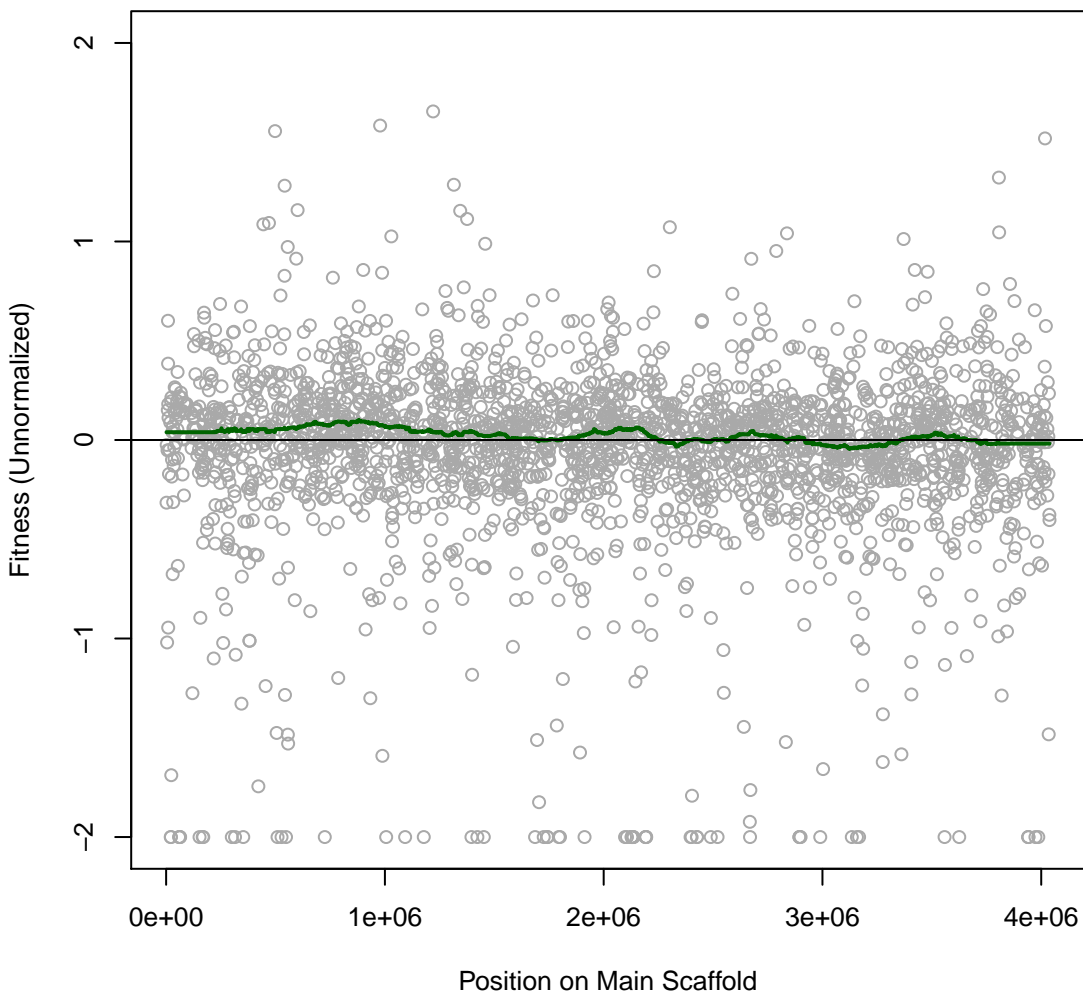
**Miya 6IT004 #147 (gMed=178 rho12=0.335)**

**L-Lactate (C)**

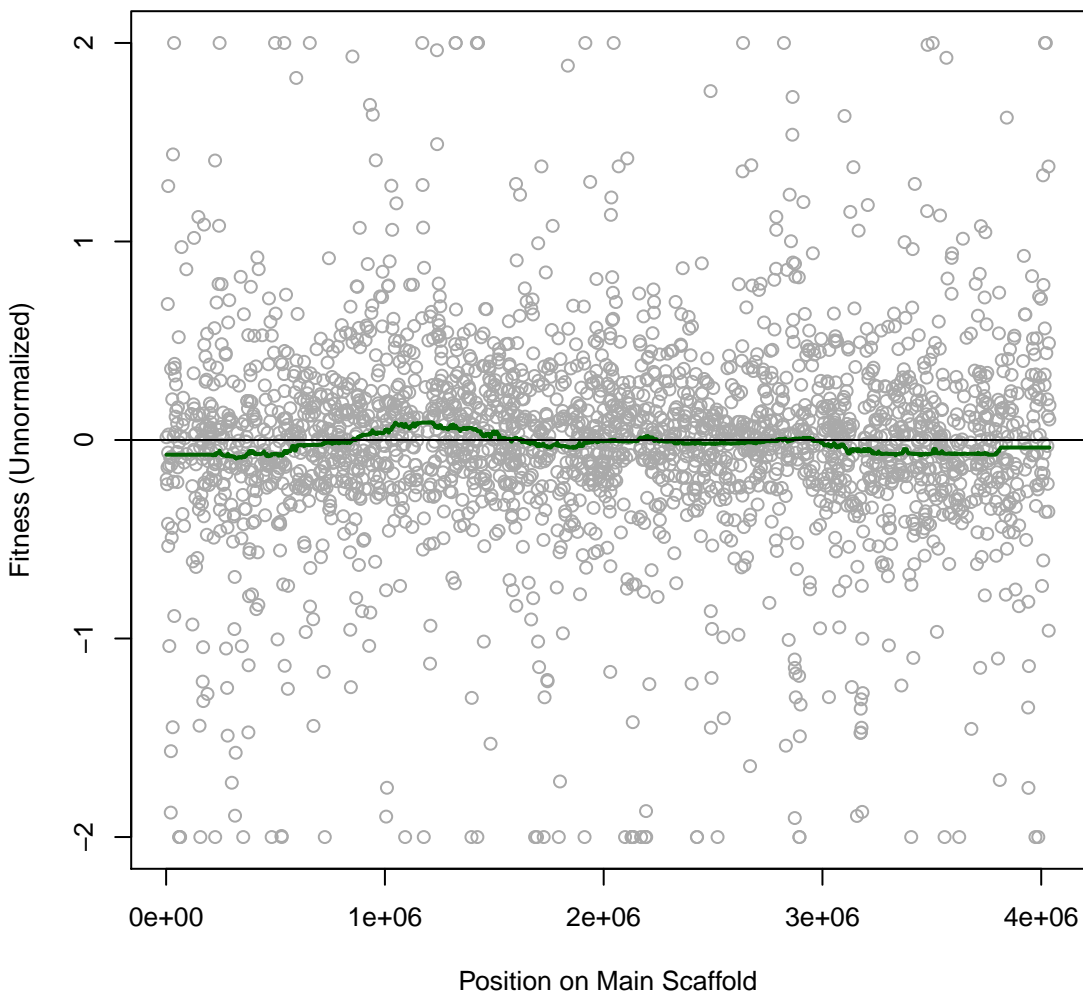


**Miya 6IT005 #148 (gMed=184 rho12=0.343)**

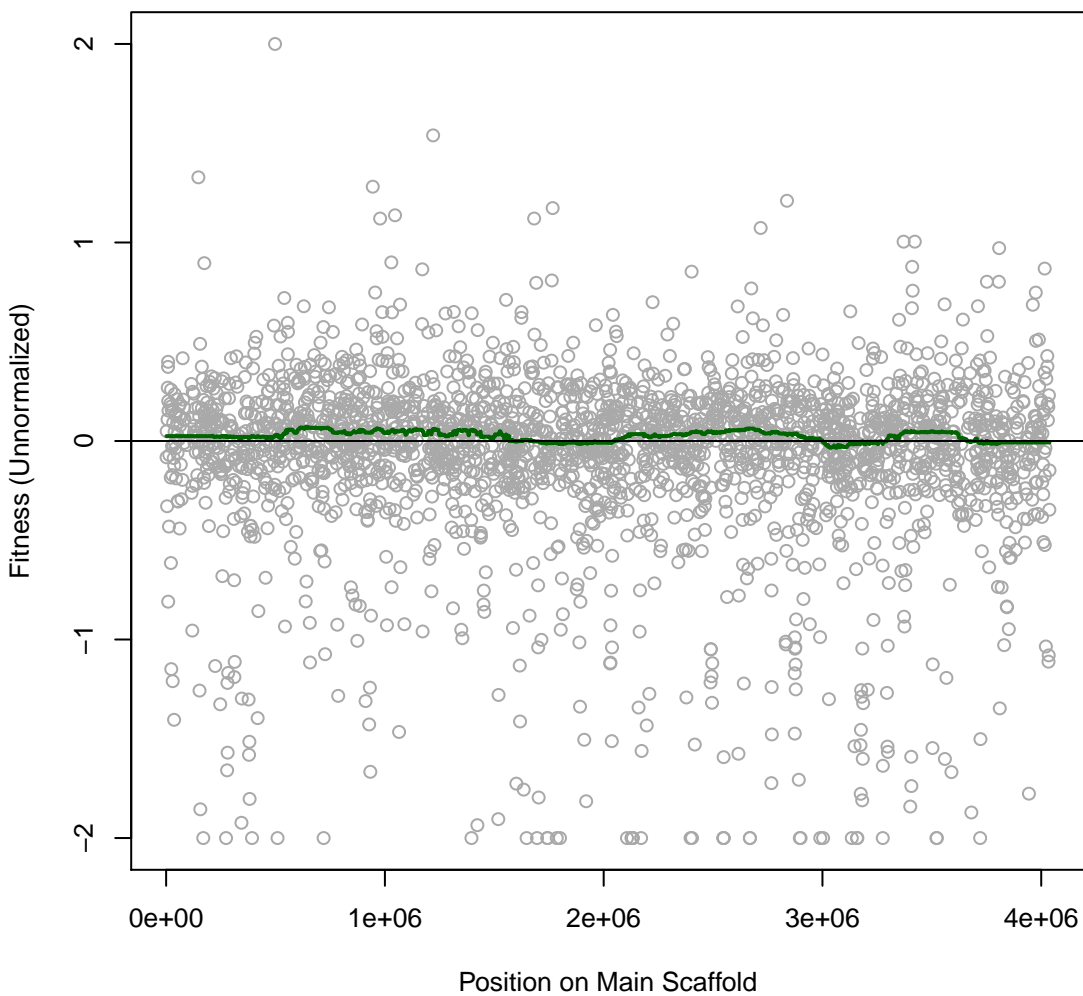
**D,L-Lactate (C)**



**Miya 6IT008 #151 (gMed=156 rho12=0.337)**  
**L-Serine (C)**

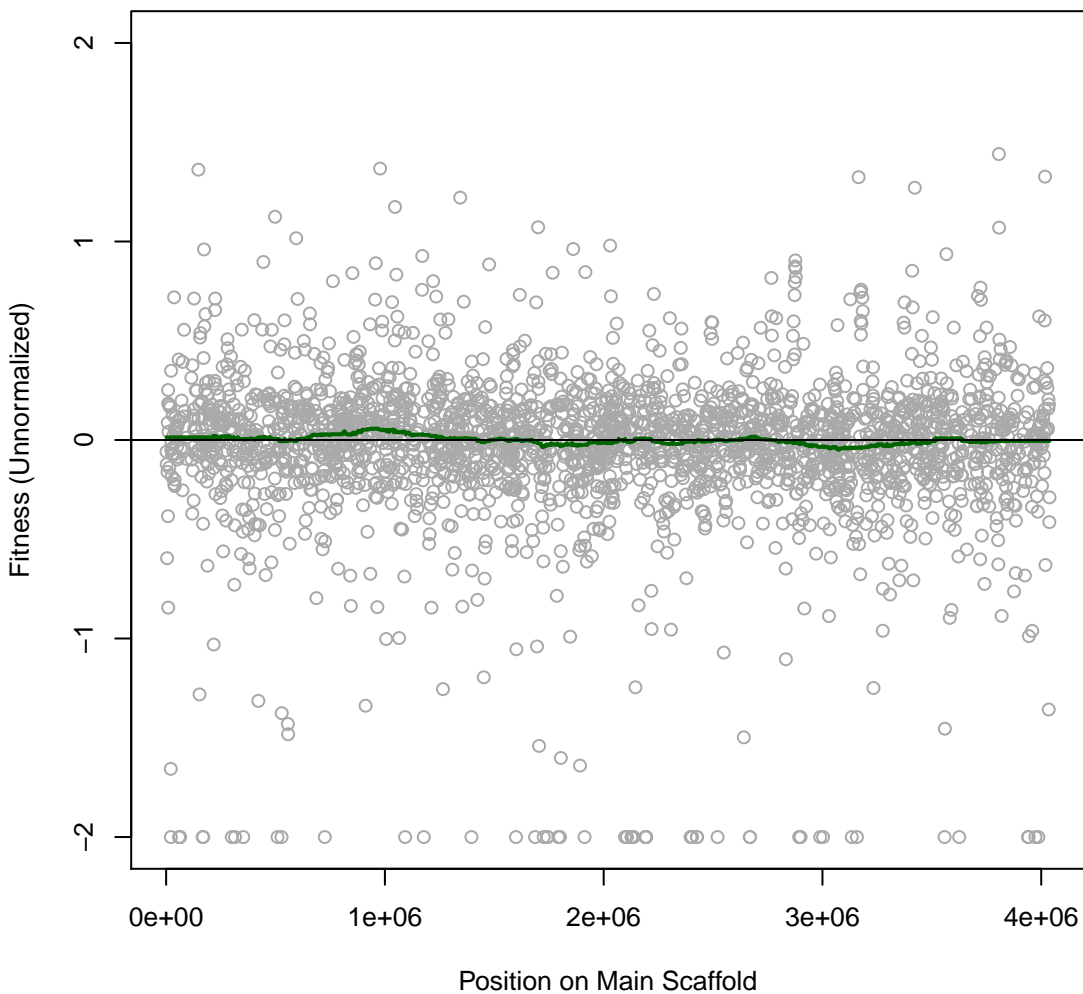


**Miya 6IT012 #155 (gMed=379 rho12=0.310)**  
**casaminos (C)**

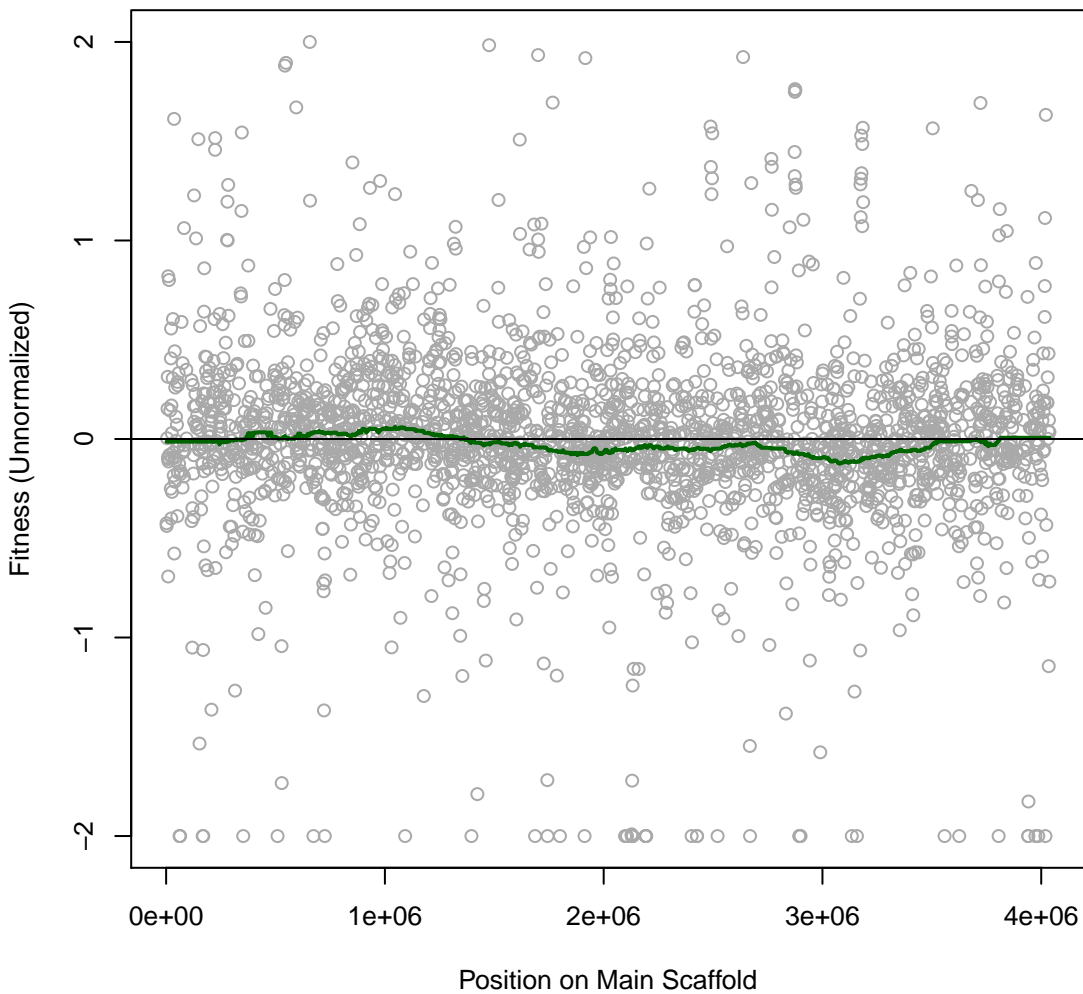


**Miya 6IT018 #161 (gMed=494 rho12=0.260)**

**Ammonium chloride (N)**



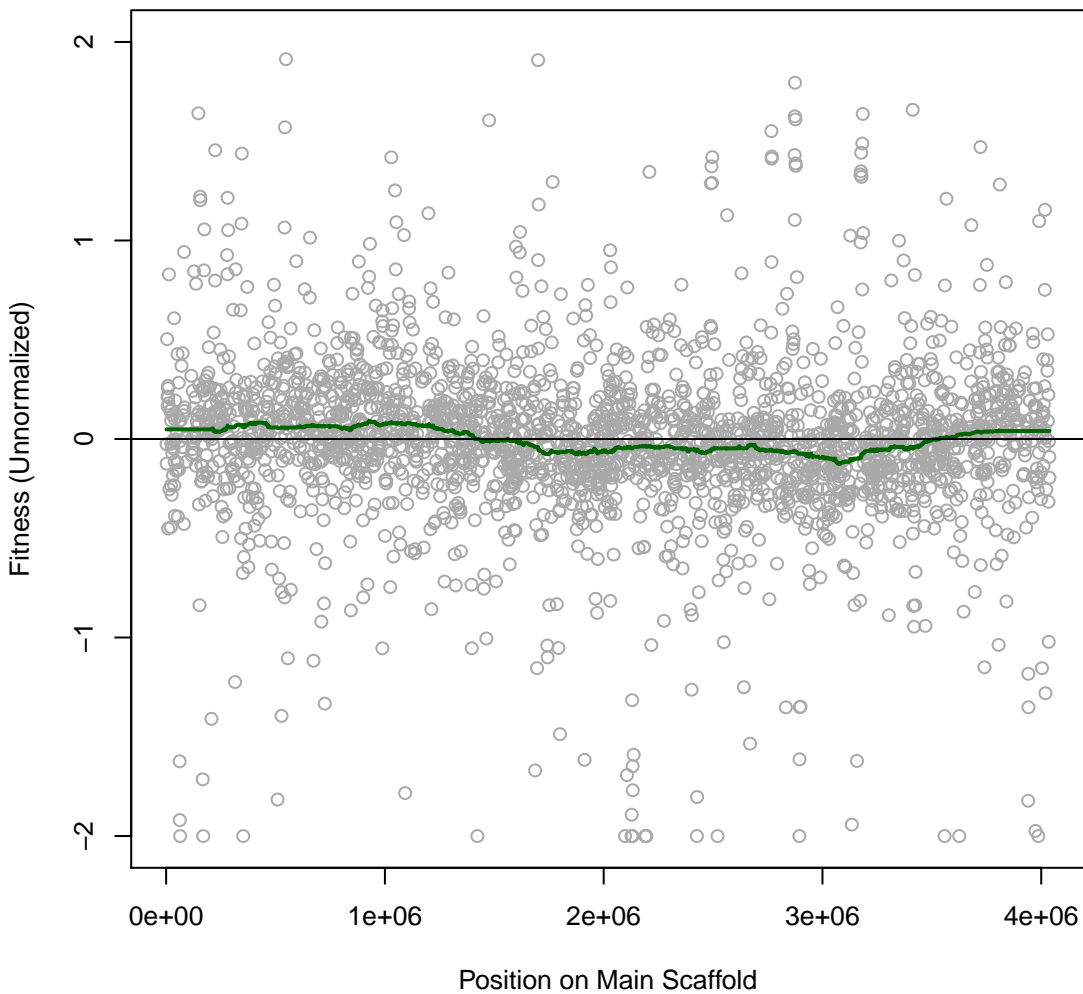
**Miya 6IT025 #168 (gMed=418 rho12=0.265)**  
**L-Methionine as nutrient**



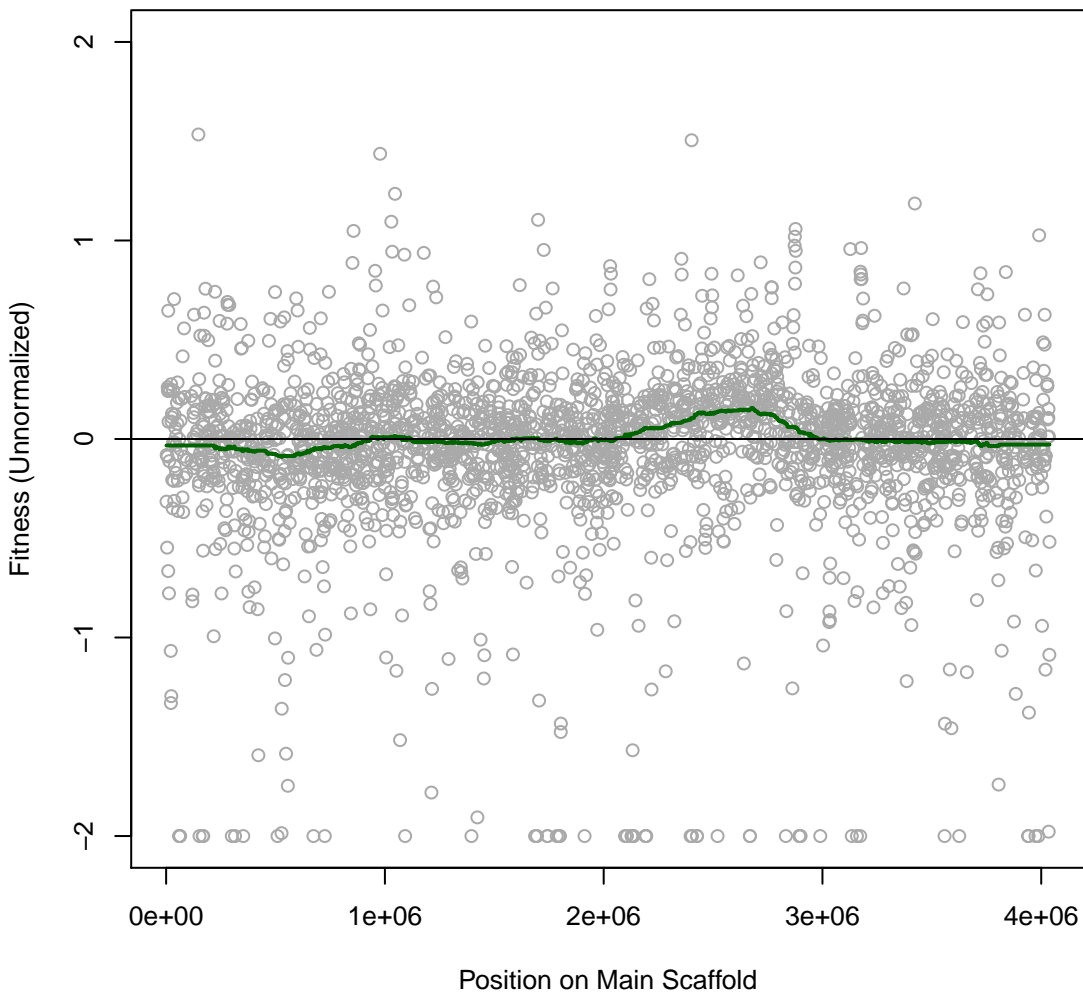


**Miya 6IT026 #169 (gMed=453 rho12=0.241)**

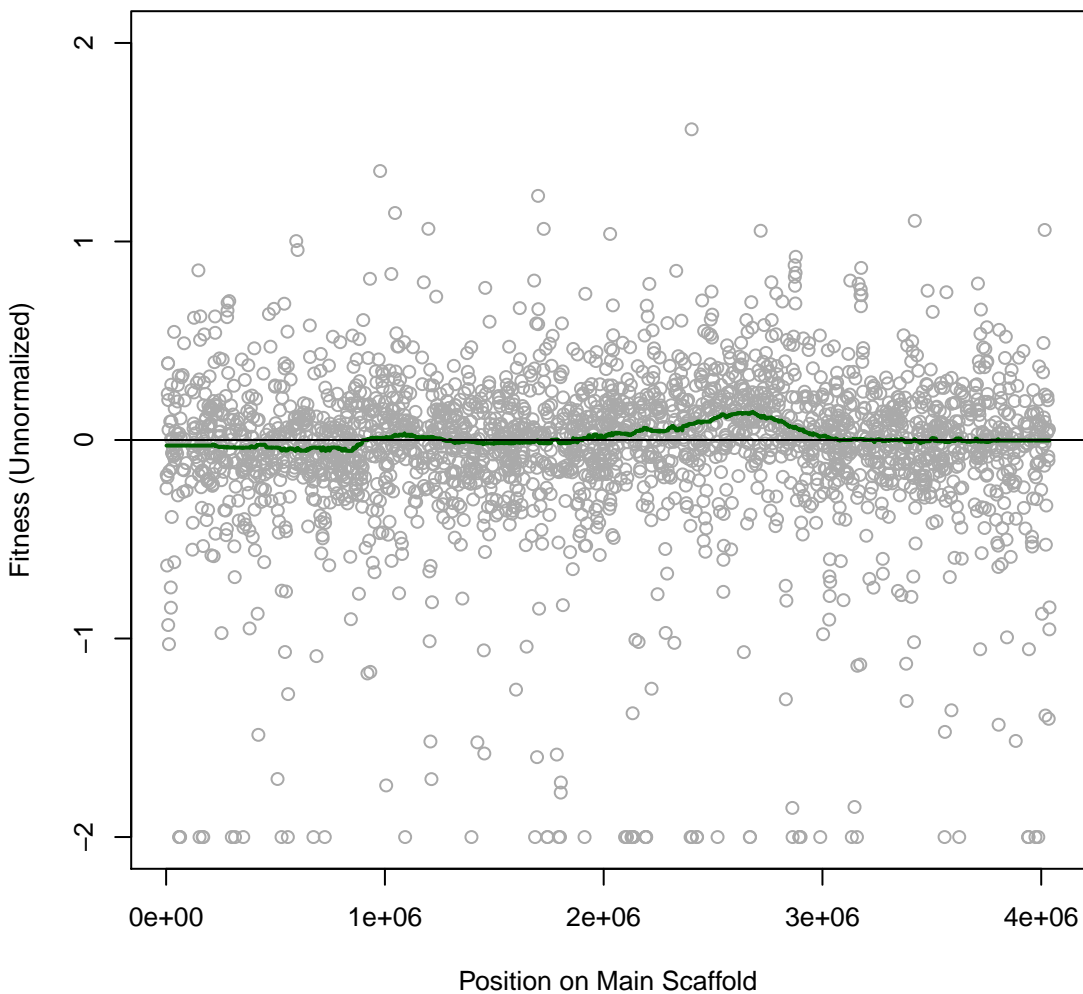
**L-Methionine as nutrient**



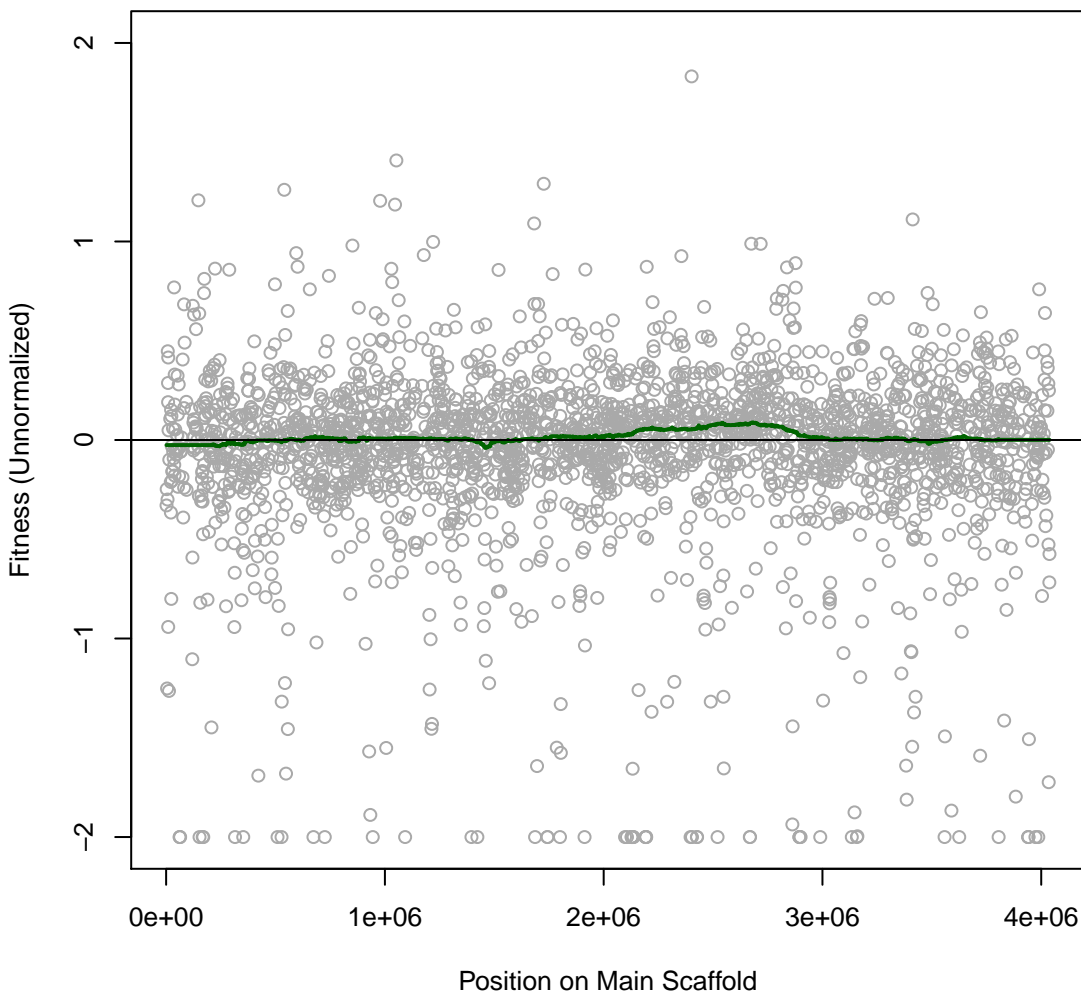
**Miya 6IT027 #170 (gMed=490 rho12=0.296)**  
**L-Threonine as nutrient**



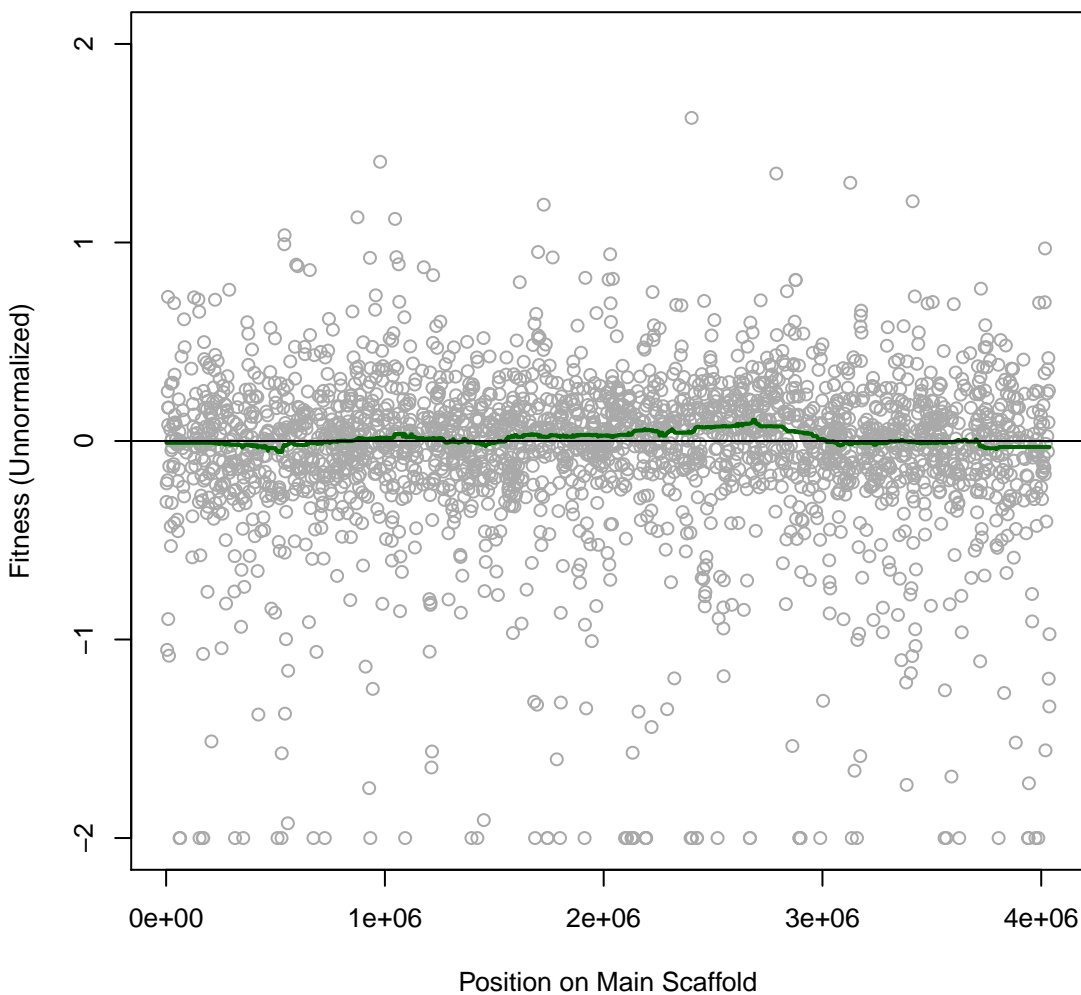
**Miya 6IT028 #171 (gMed=510 rho12=0.307)**  
**L-Threonine as nutrient**



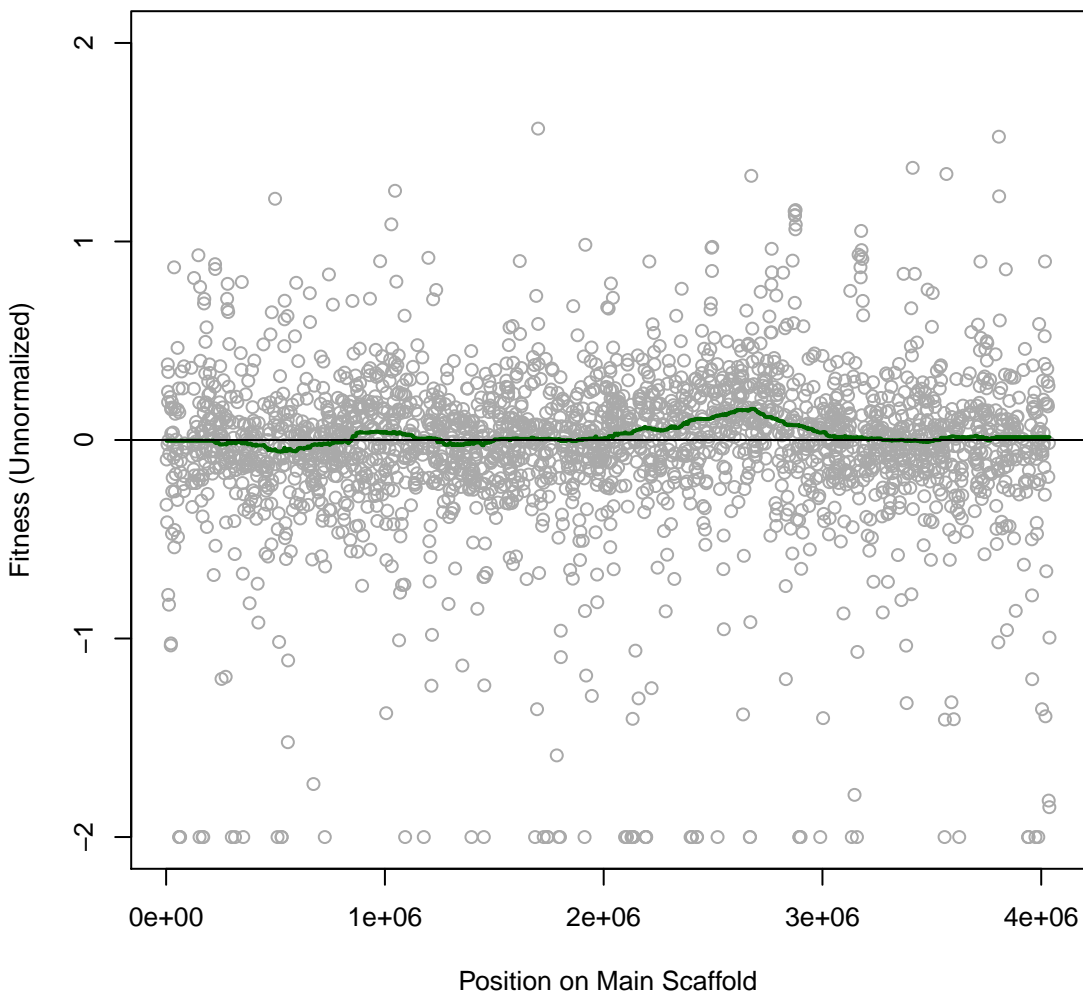
**Miya 6IT029 #172 (gMed=530 rho12=0.375)**  
**L-Methionine and L-Threonine as nutrient**



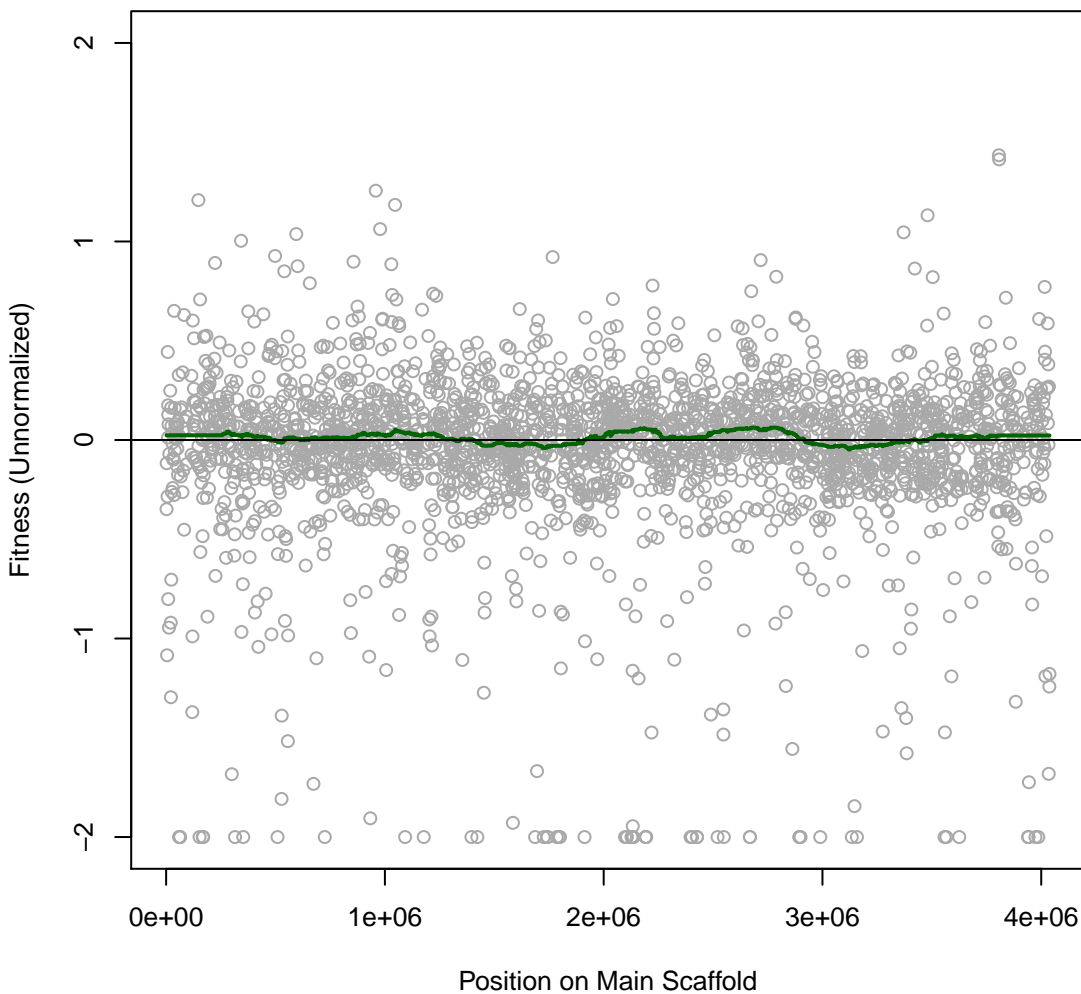
**Miya 6IT030 #173 (gMed=493 rho12=0.318)**  
**L-Methionine and L-Threonine as nutrient**



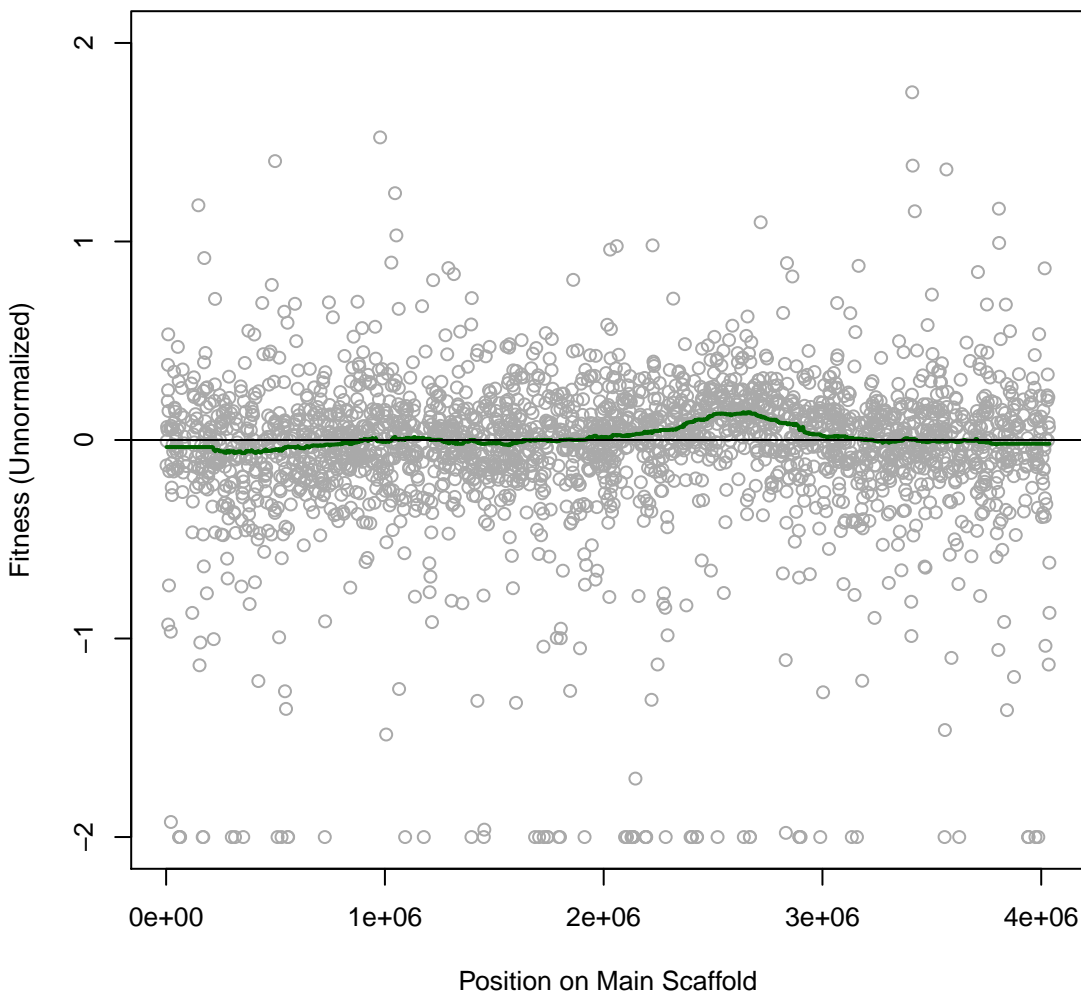
**Miya 6IT031 #174 (gMed=510 rho12=0.305)**  
**Defined MoLS4**



**Miya 6IT032 #175 (gMed=498 rho12=0.295)**  
**Defined MoLS4**

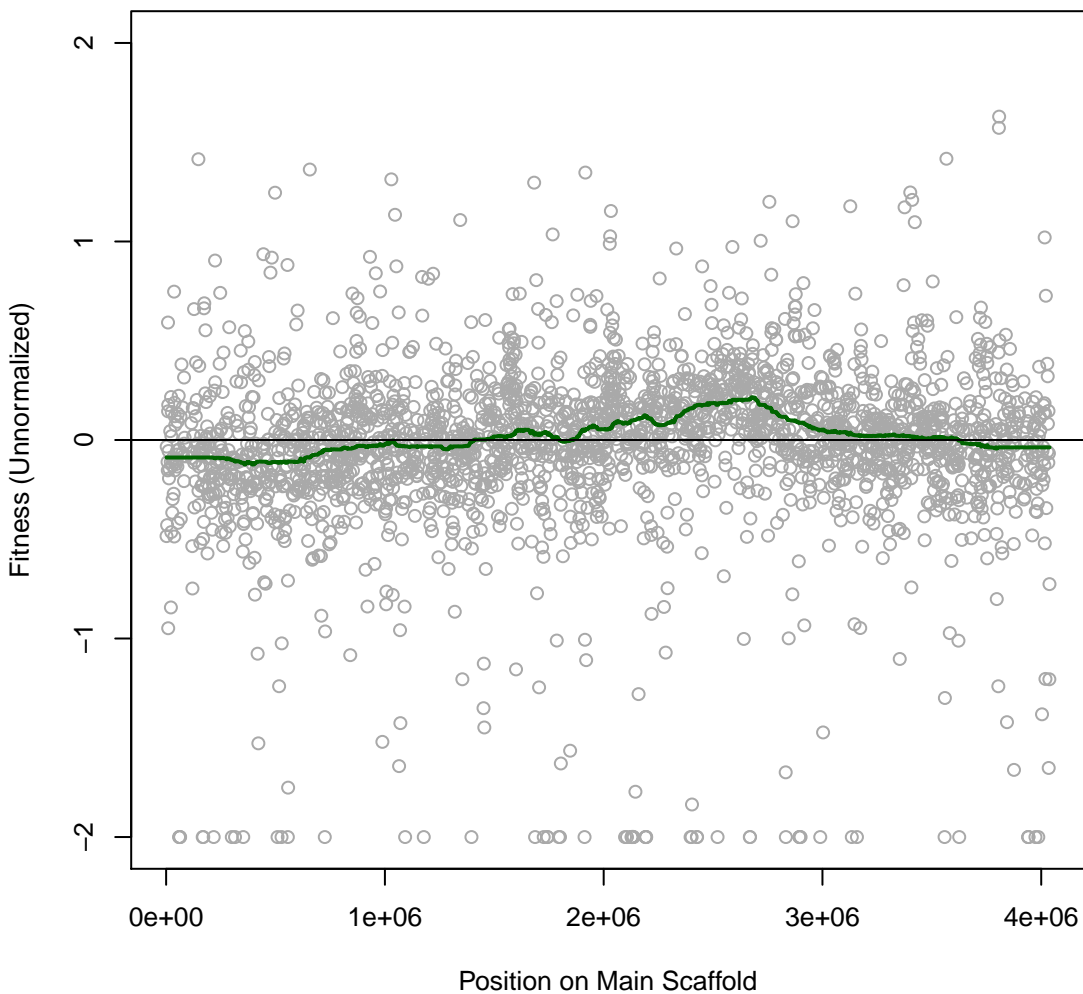


**Miya 6IT033 #176 (gMed=418 rho12=0.224)**  
**20 mM Lactate (C)**

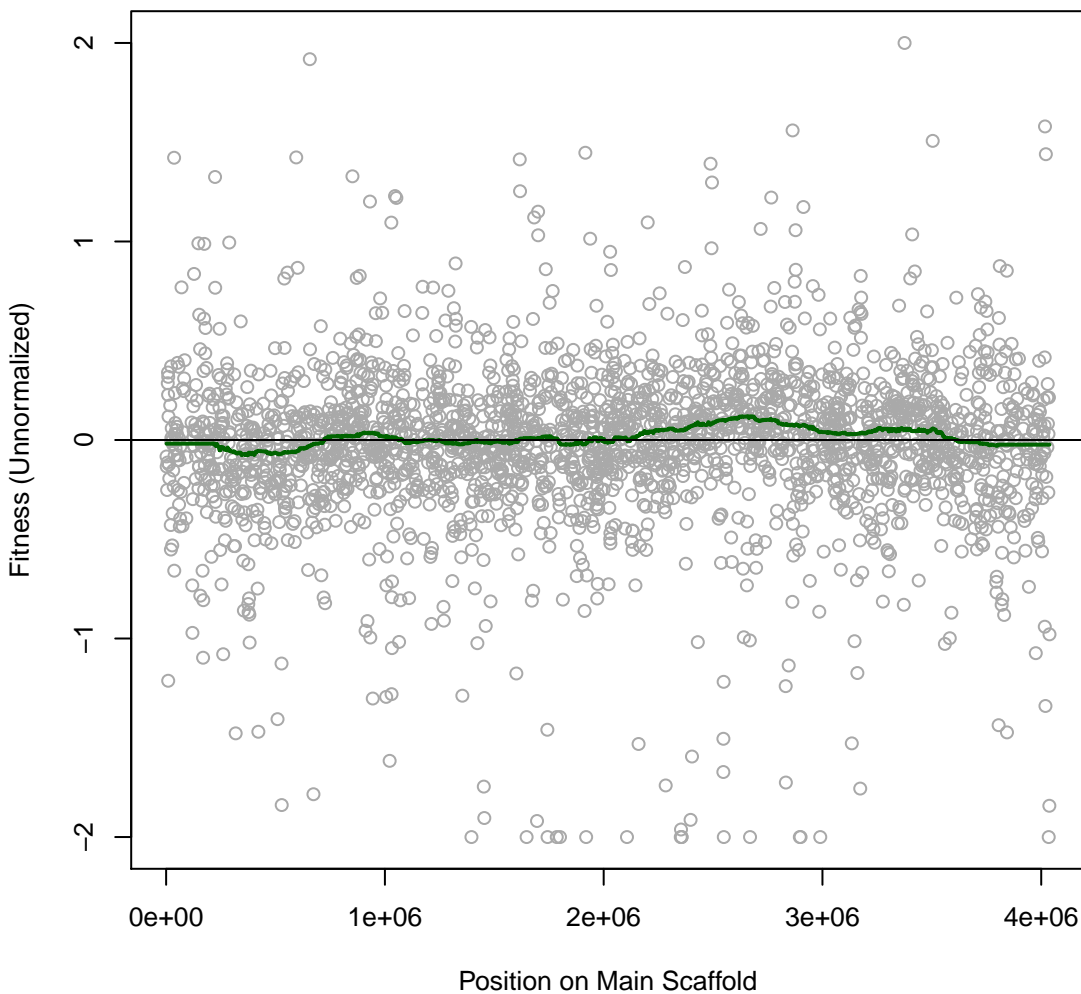




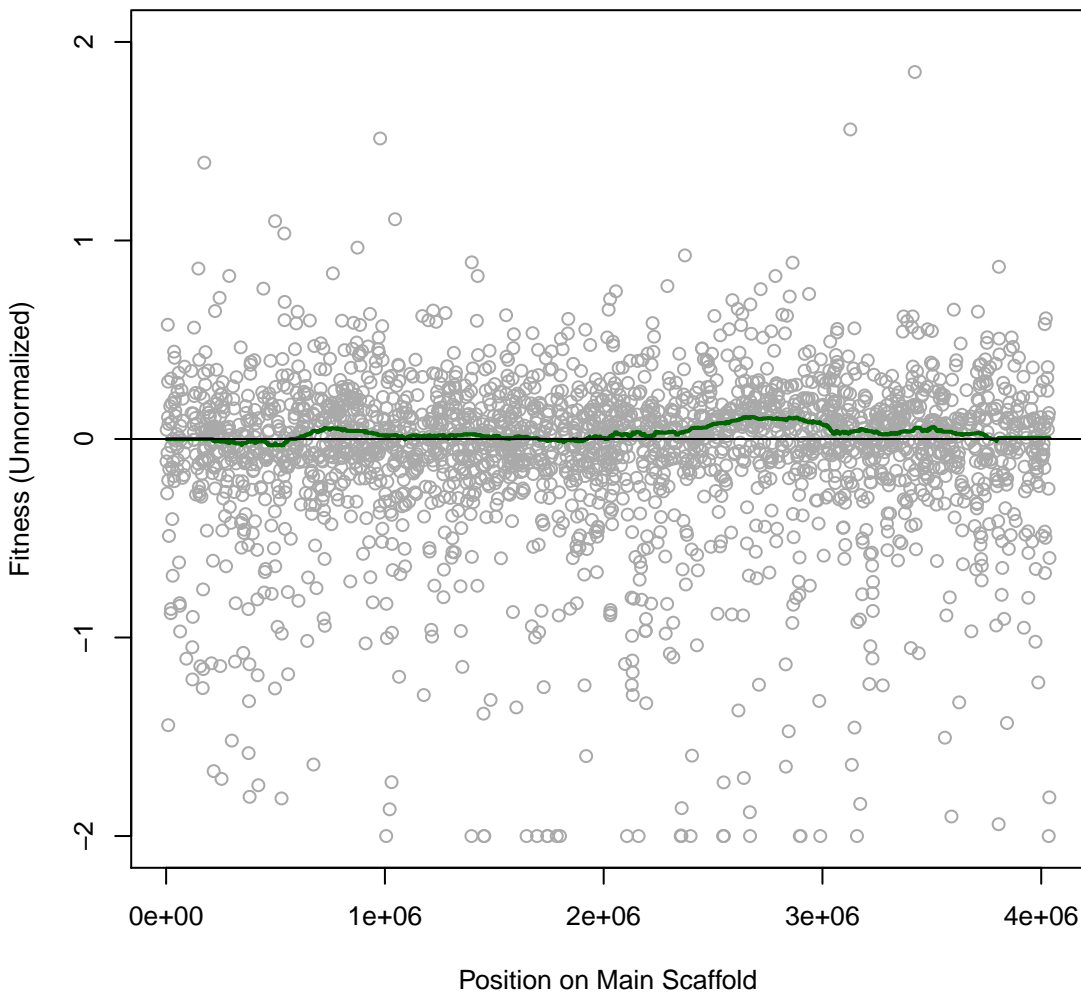
**Miya 6IT034 #177 (gMed=486 rho12=0.270)**  
**60 mM Lactate (C)**



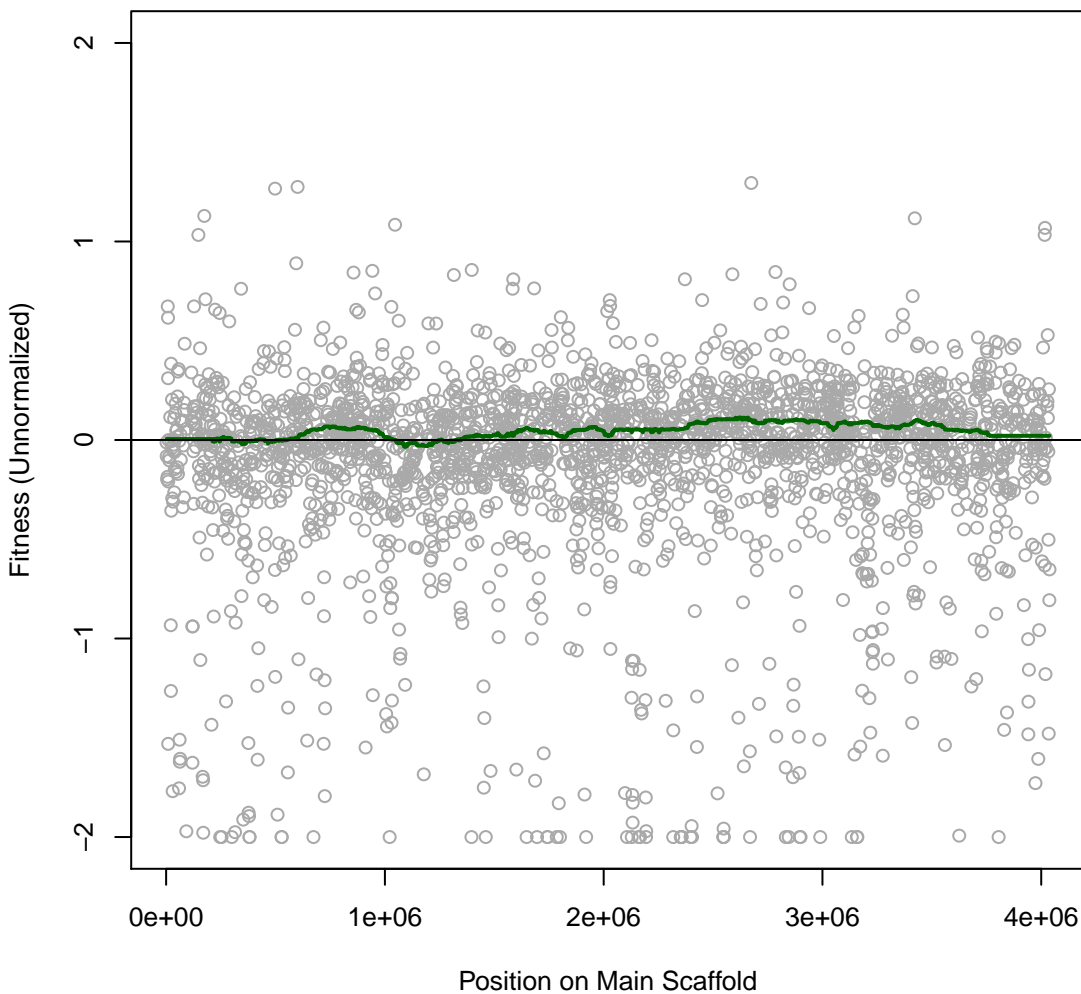
**Miya 6IT035 #178 (gMed=454 rho12=0.231)**  
**1 day starvation, 30C**



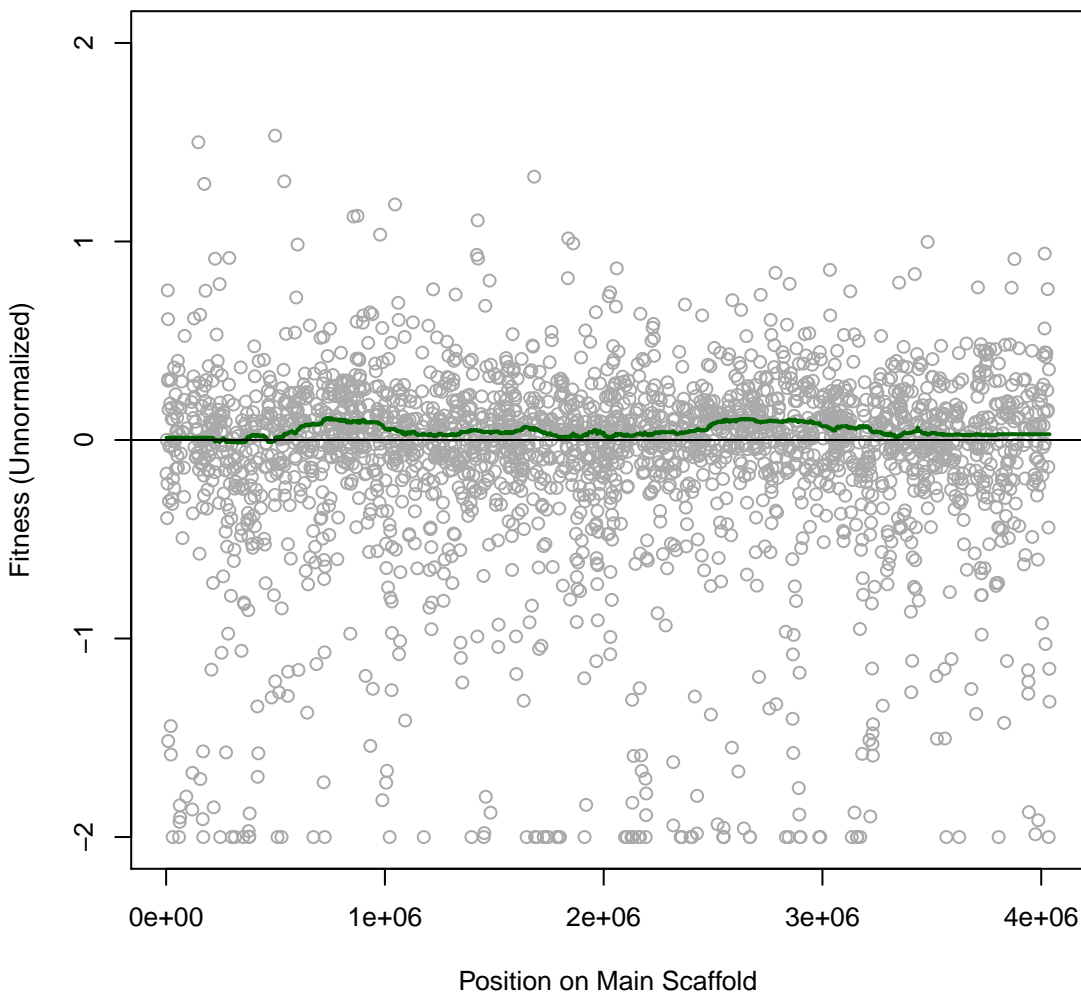
**Miya 6IT036 #179 (gMed=518 rho12=0.335)**  
**2 day starvation, 30C**



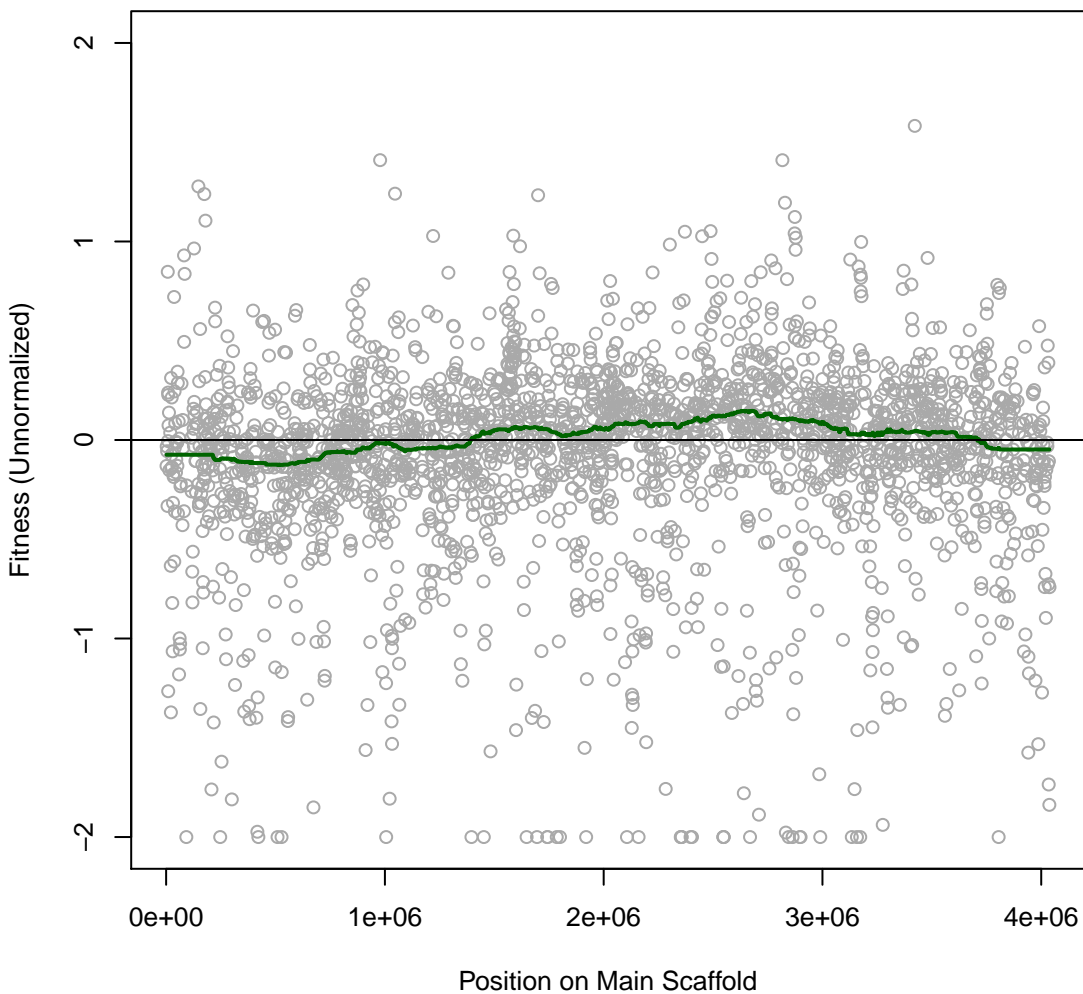
**Miya 6IT037 #180 (gMed=470 rho12=0.356)**  
**3 day starvation, 30C**



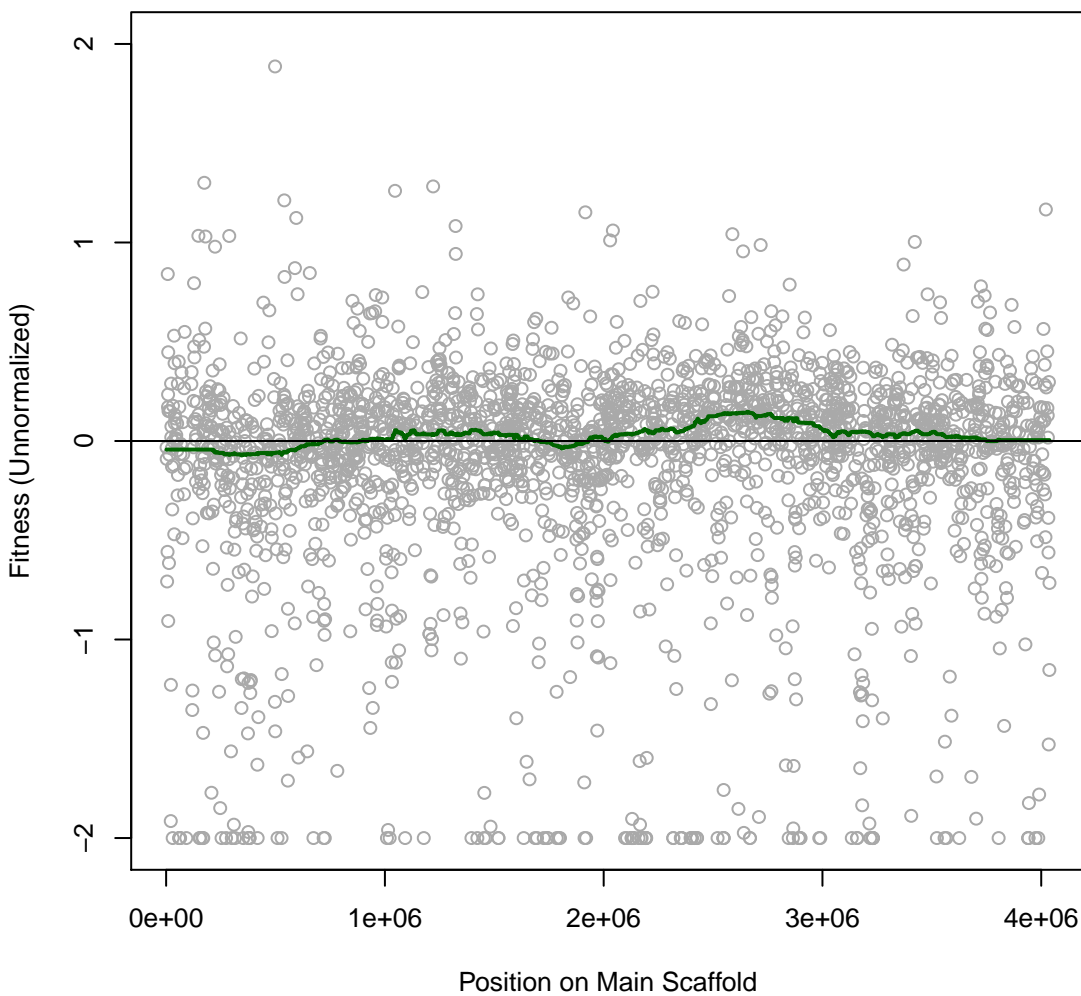
**Miya 6IT038 #181 (gMed=501 rho12=0.420)**  
**4 day starvation, 30C**



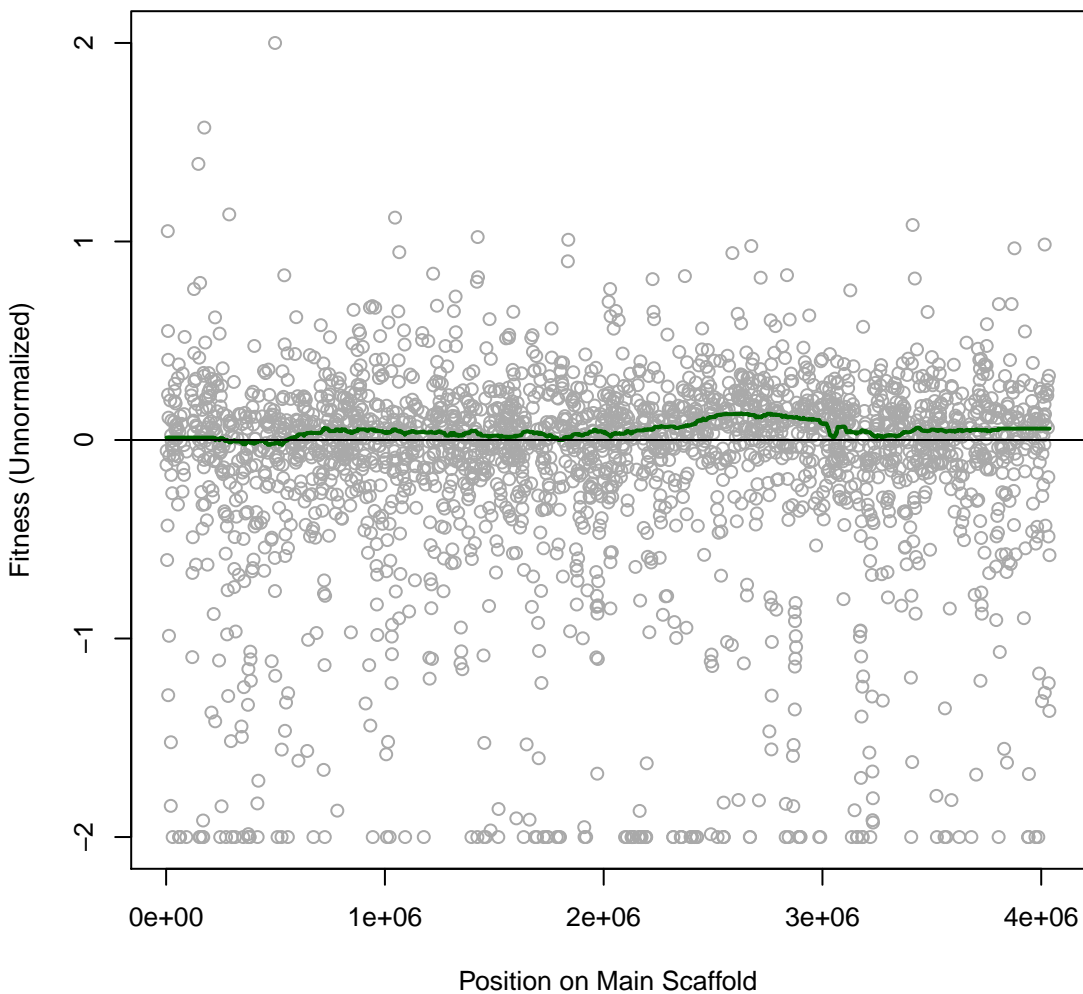
**Miya 6IT039 #182 (gMed=482 rho12=0.439)**  
**5 day starvation, 30C**



**Miya 6IT040 #183 (gMed=514 rho12=0.451)**  
**6 day starvation, 30C**

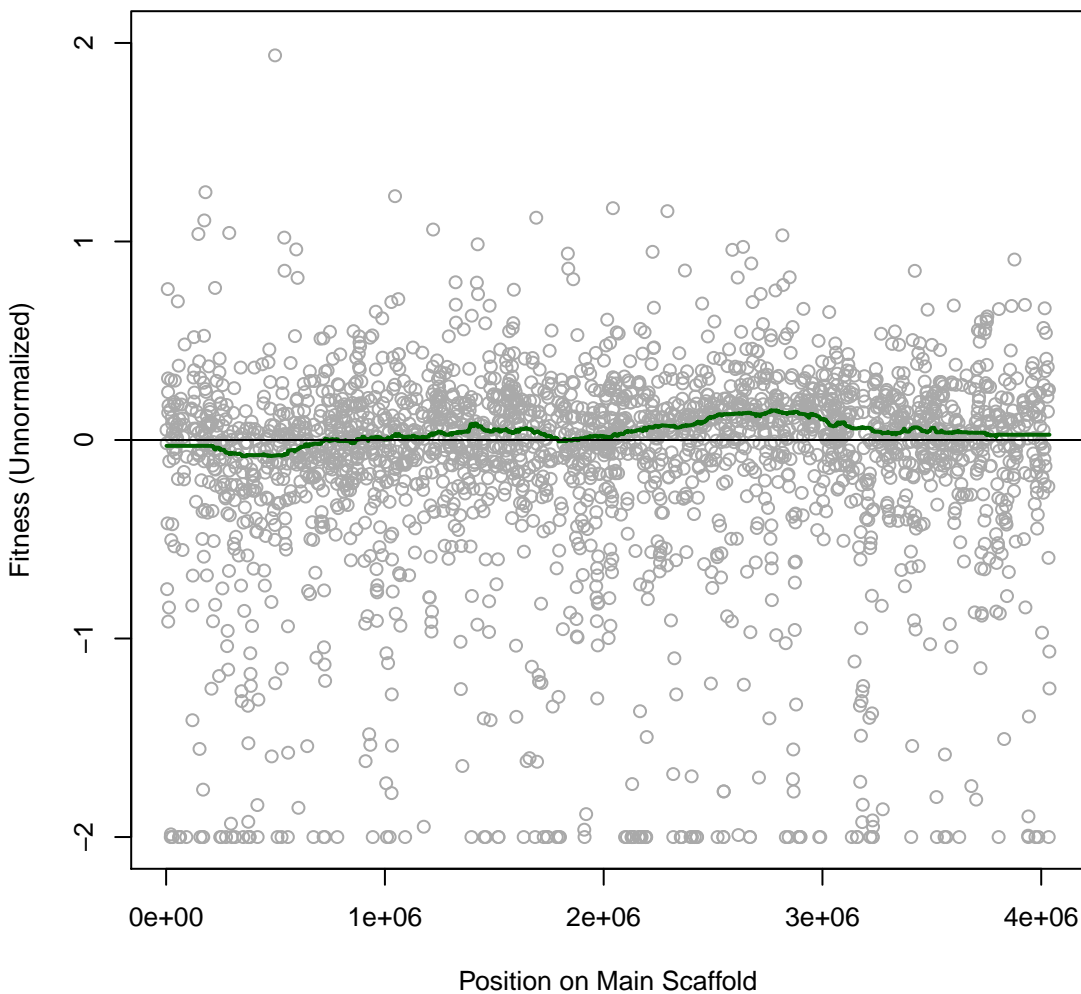


**Miya 6IT041 #184 (gMed=538 rho12=0.451)**  
**7 day starvation, 30C**

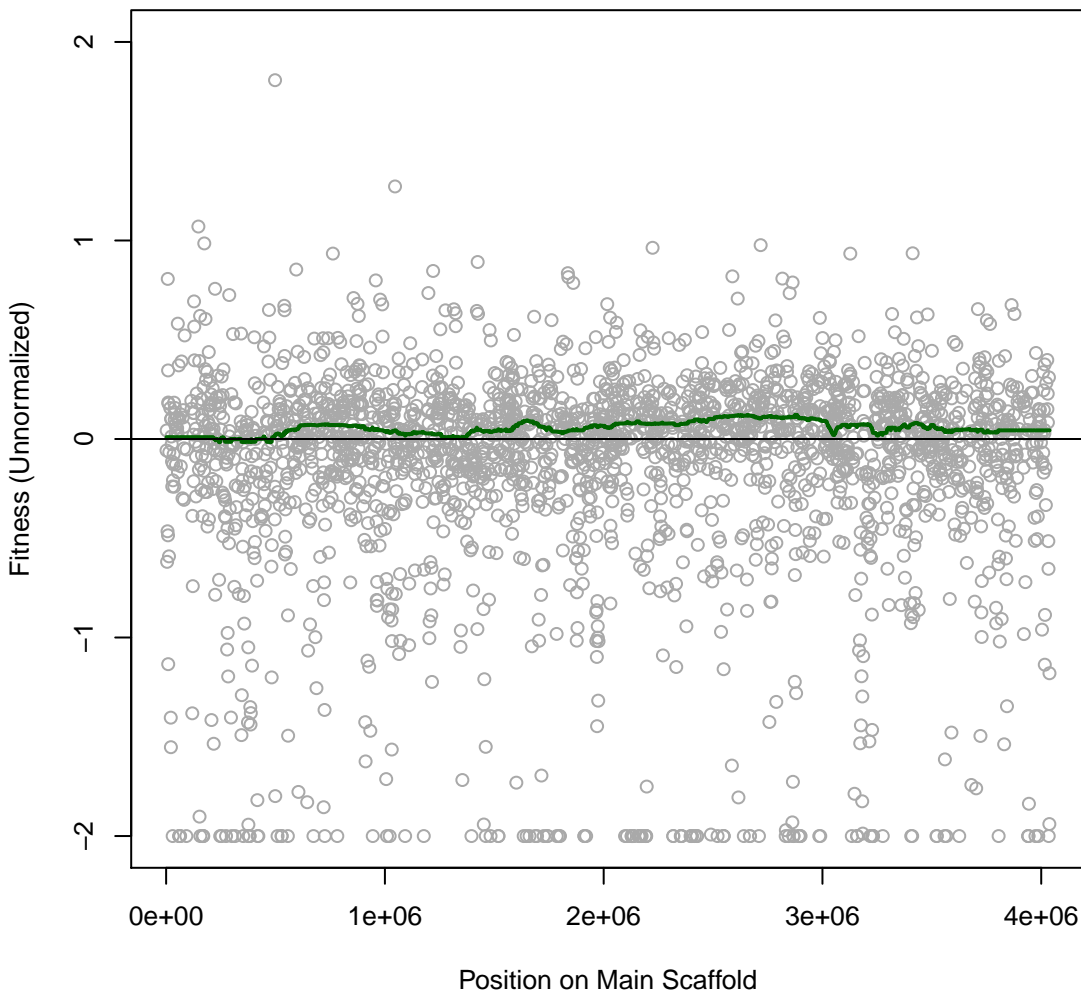




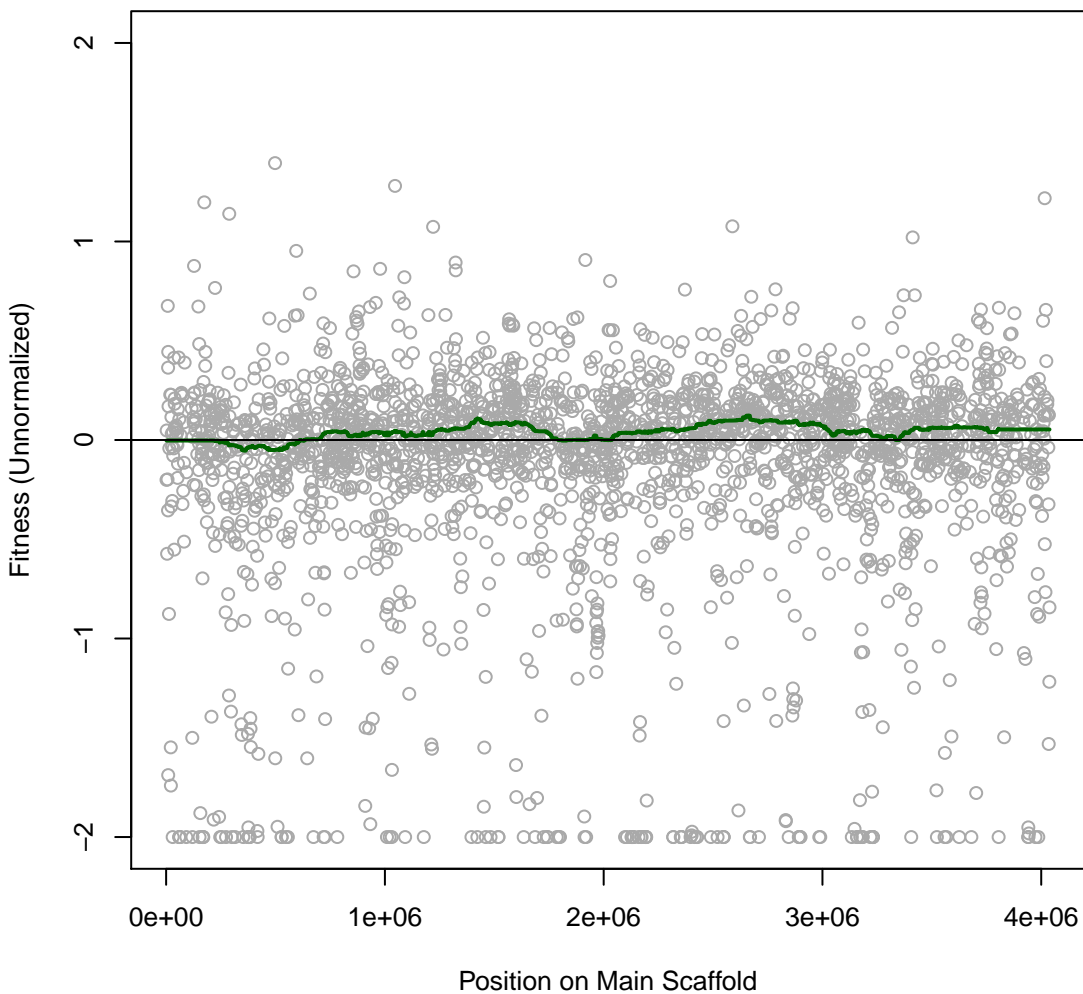
**Miya 6IT042 #185 (gMed=506 rho12=0.461)**  
**8 day starvation, 30C**



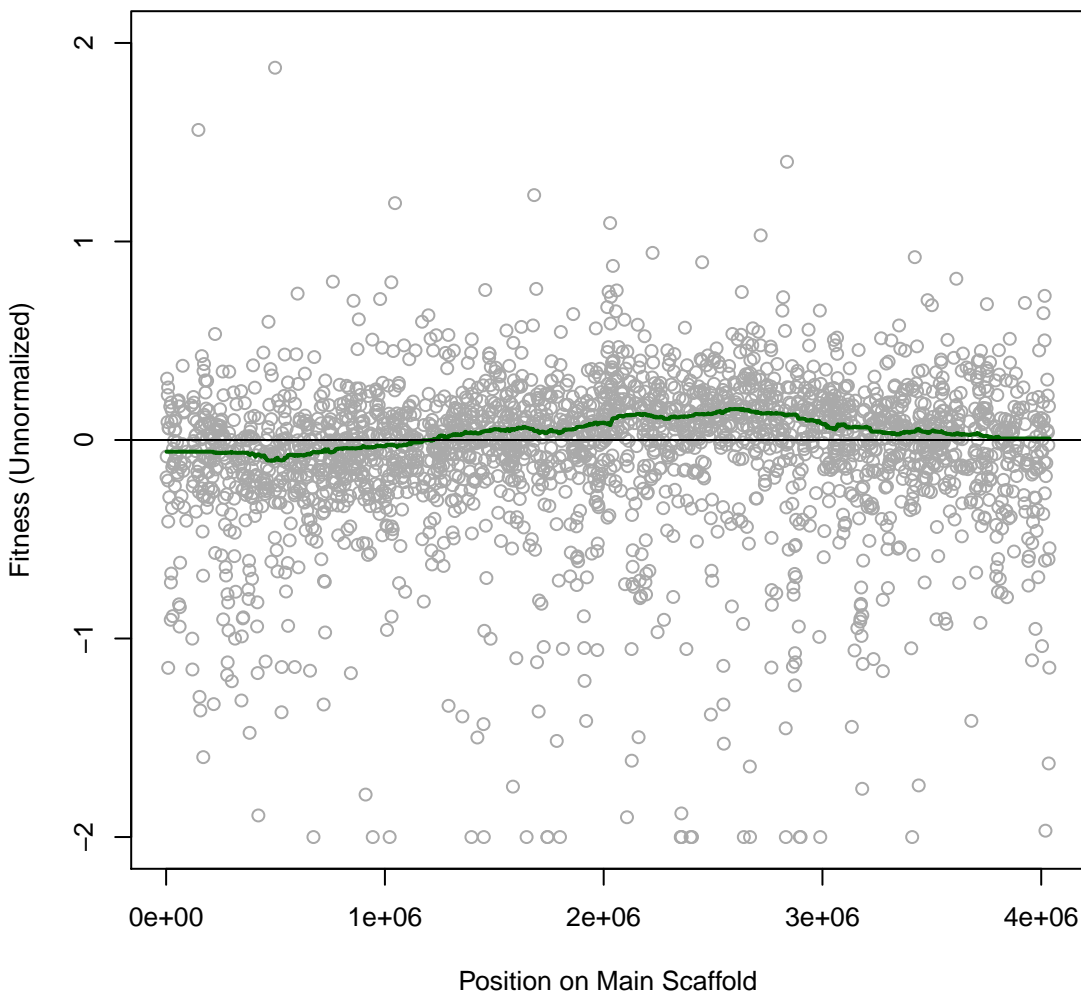
**Miya 6IT043 #186 (gMed=465 rho12=0.478)**  
**9 day starvation, 30C**



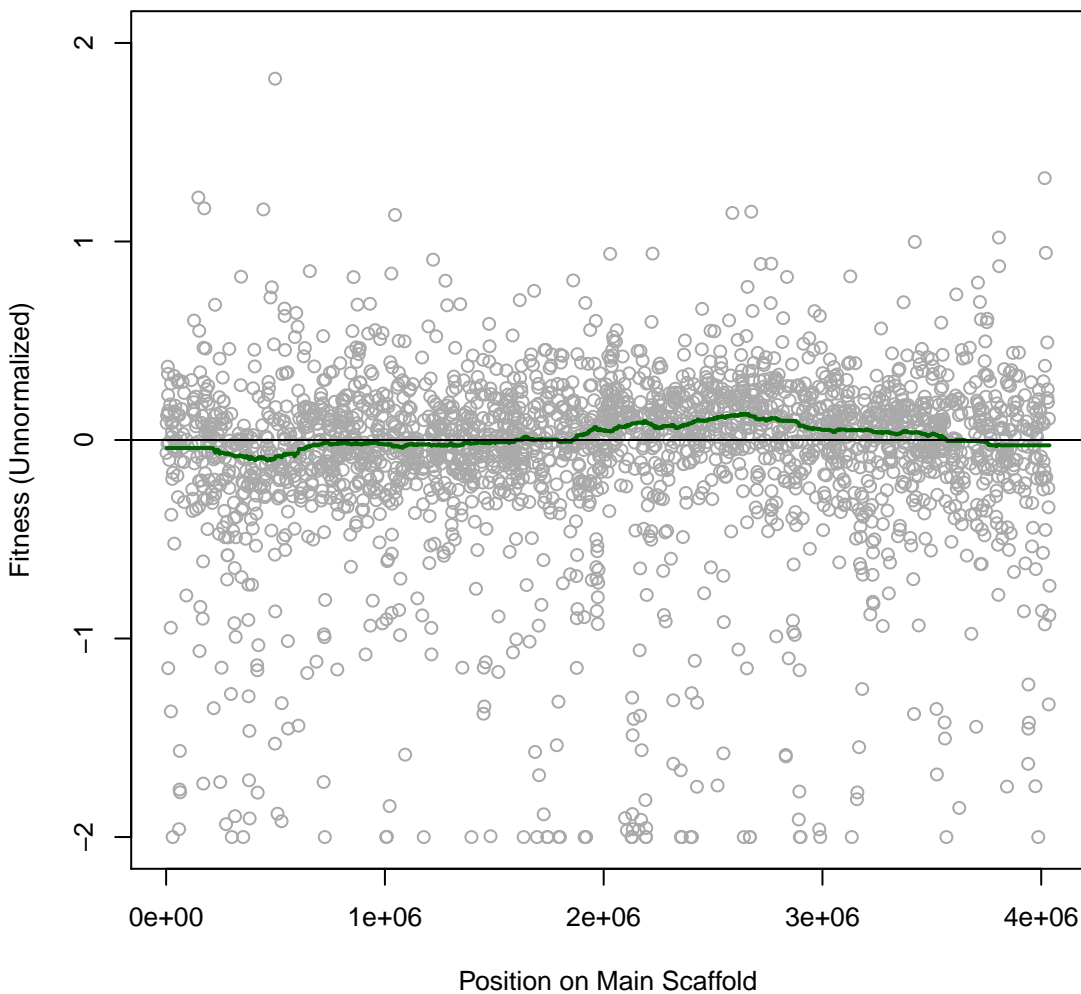
**Miya 6IT044 #187 (gMed=527 rho12=0.465)**  
**10 day starvation, 30C**



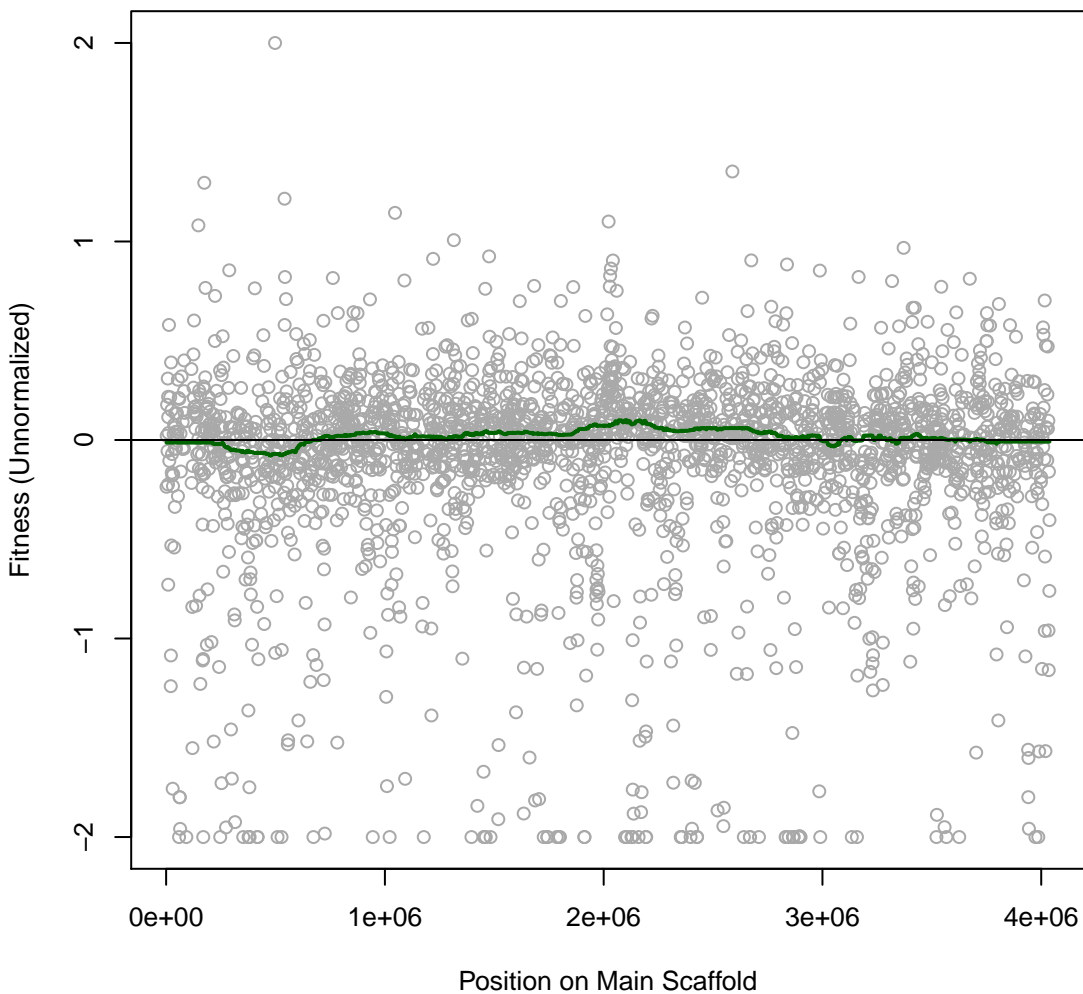
**Miya 6IT045 #188 (gMed=520 rho12=0.295)**  
**1 day starvation, 37C**



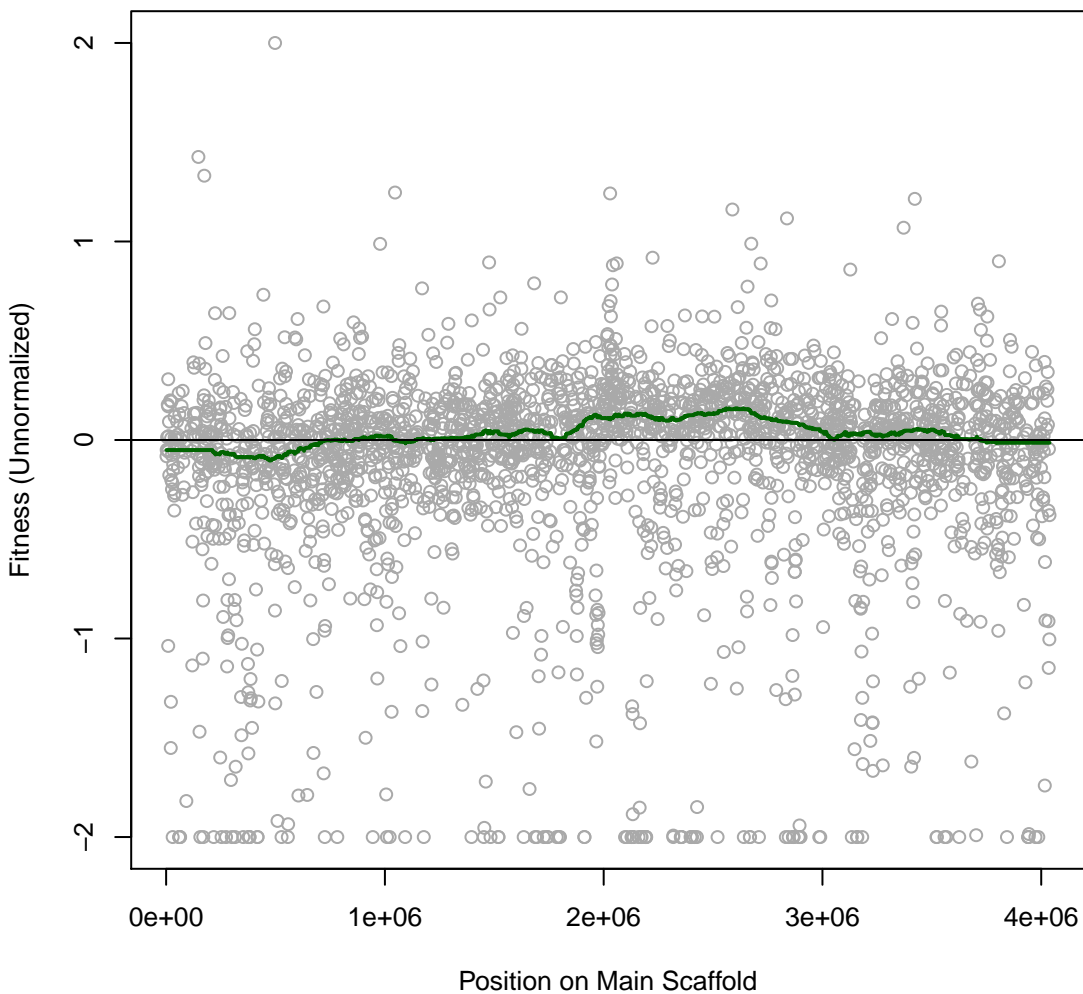
**Miya 6IT046 #189 (gMed=533 rho12=0.364)**  
**2 day starvation, 37C**



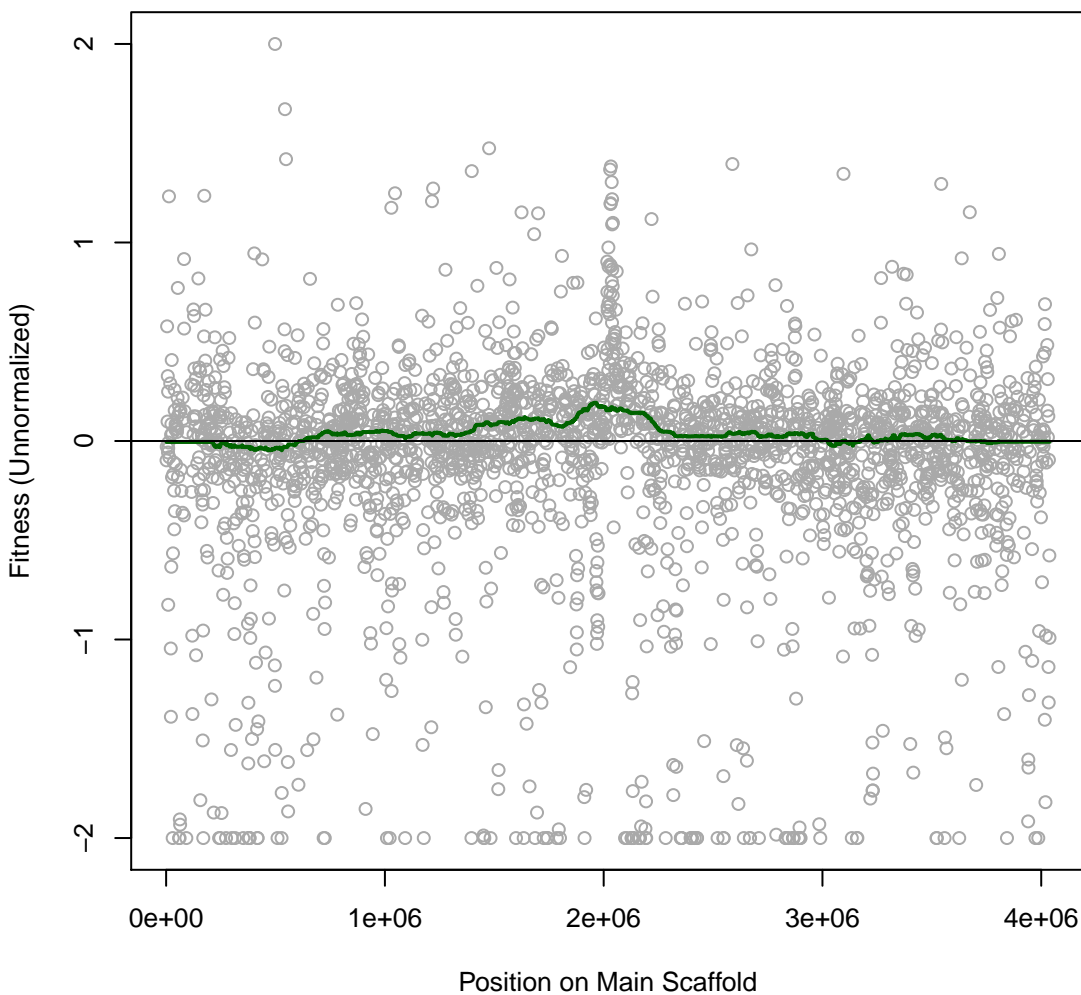
**Miya 6IT047 #190 (gMed=433 rho12=0.390)**  
**3 day starvation, 37C**



**Miya 6IT048 #191 (gMed=531 rho12=0.403)**  
**4 day starvation, 37C**

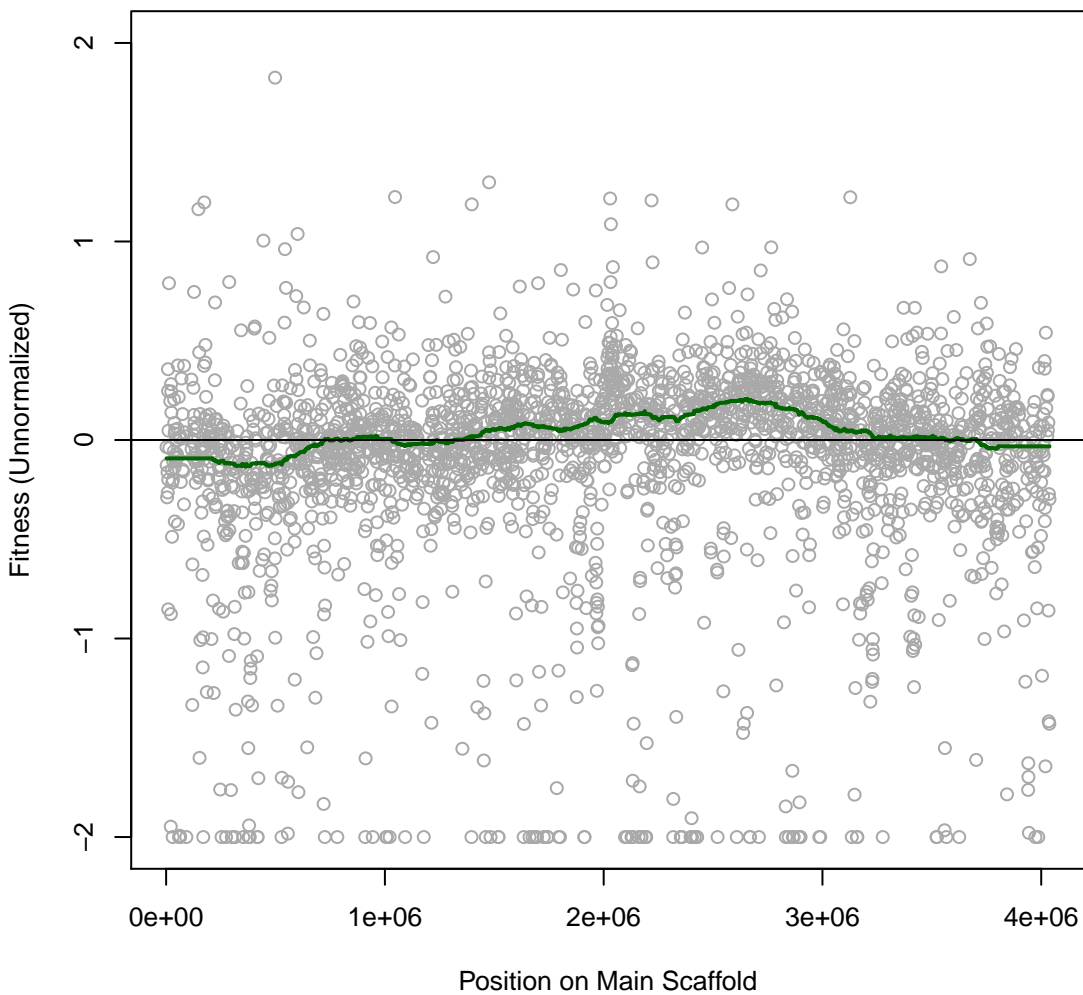


**Miya 6IT049 #192 (gMed=557 rho12=0.464)**  
**5 day starvation, 37C**

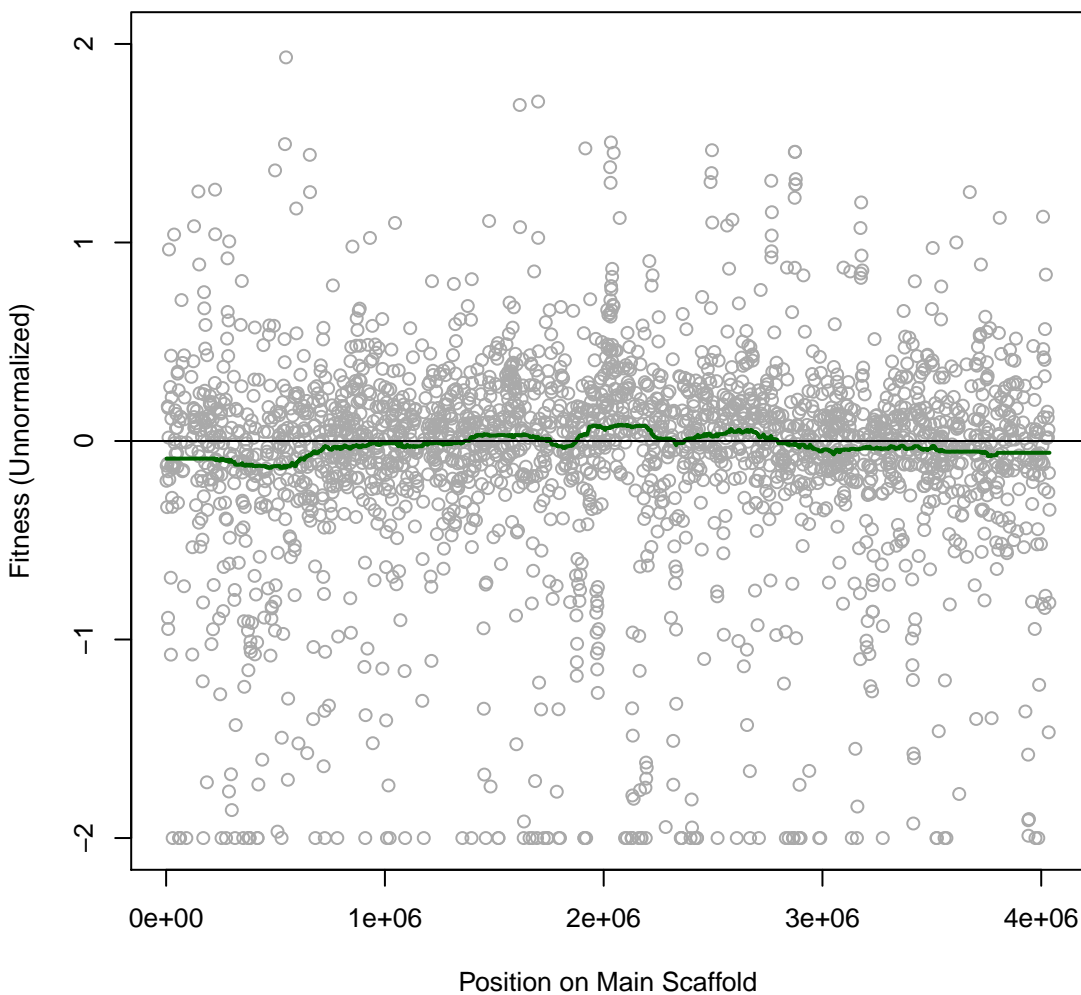




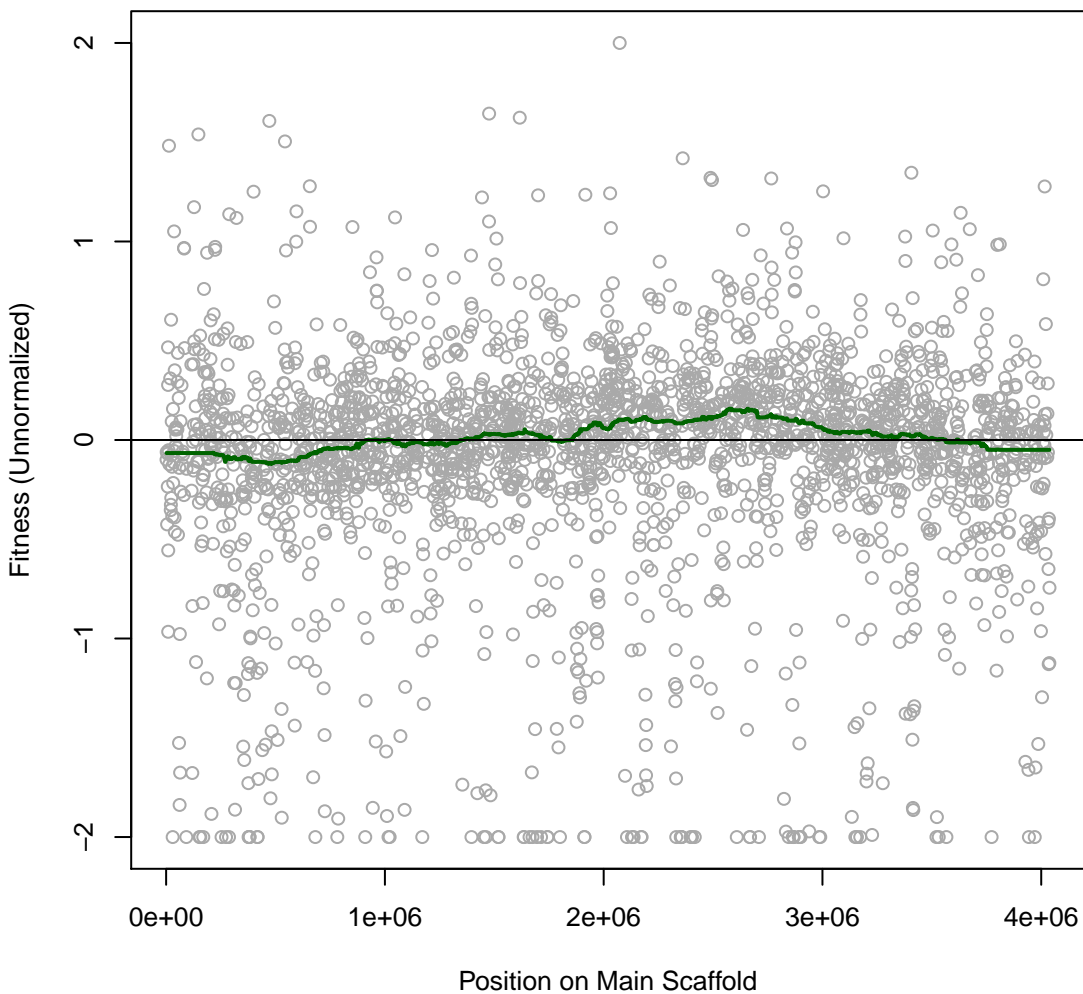
**Miya 6IT050 #193 (gMed=534 rho12=0.391)**  
**6 day starvation, 37C**



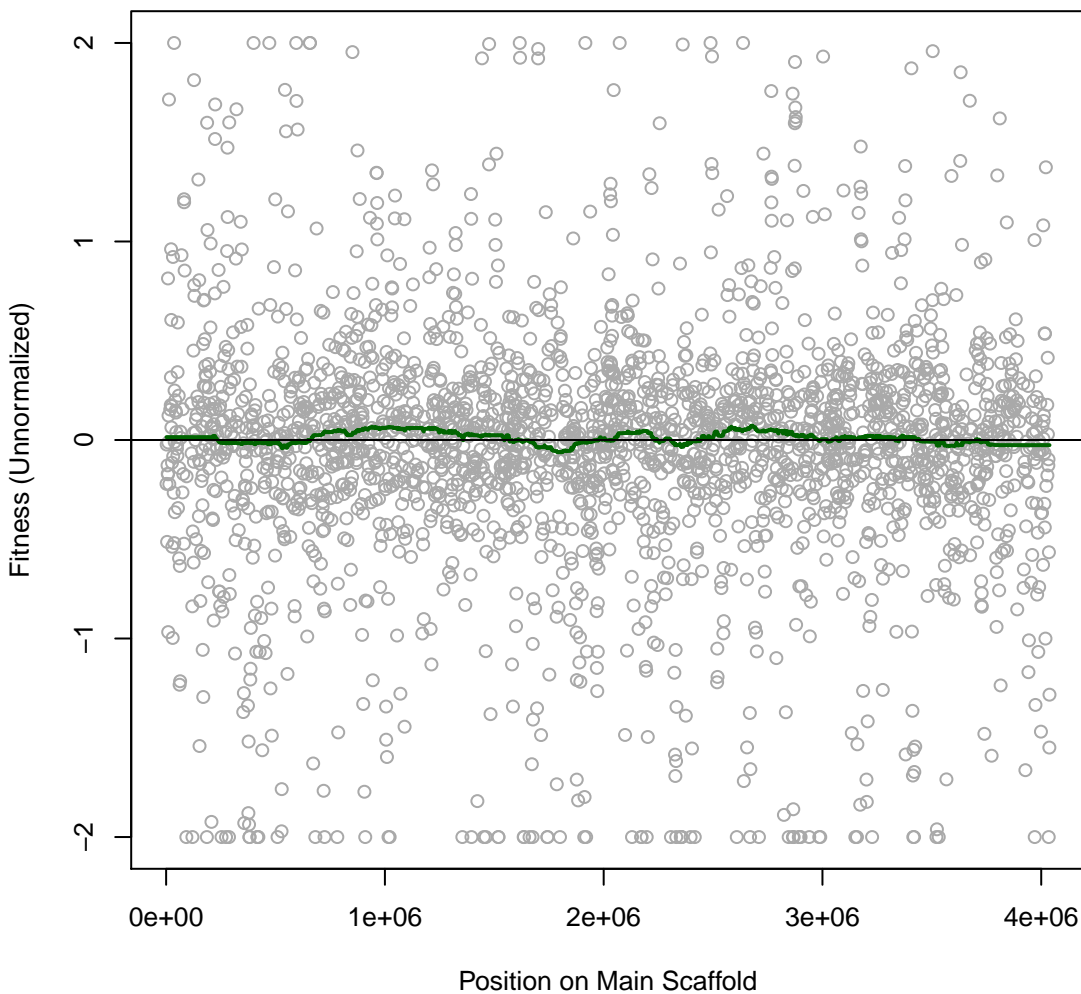
**Miya 6IT051 #194 (gMed=472 rho12=0.434)**  
**7 day starvation, 37C**



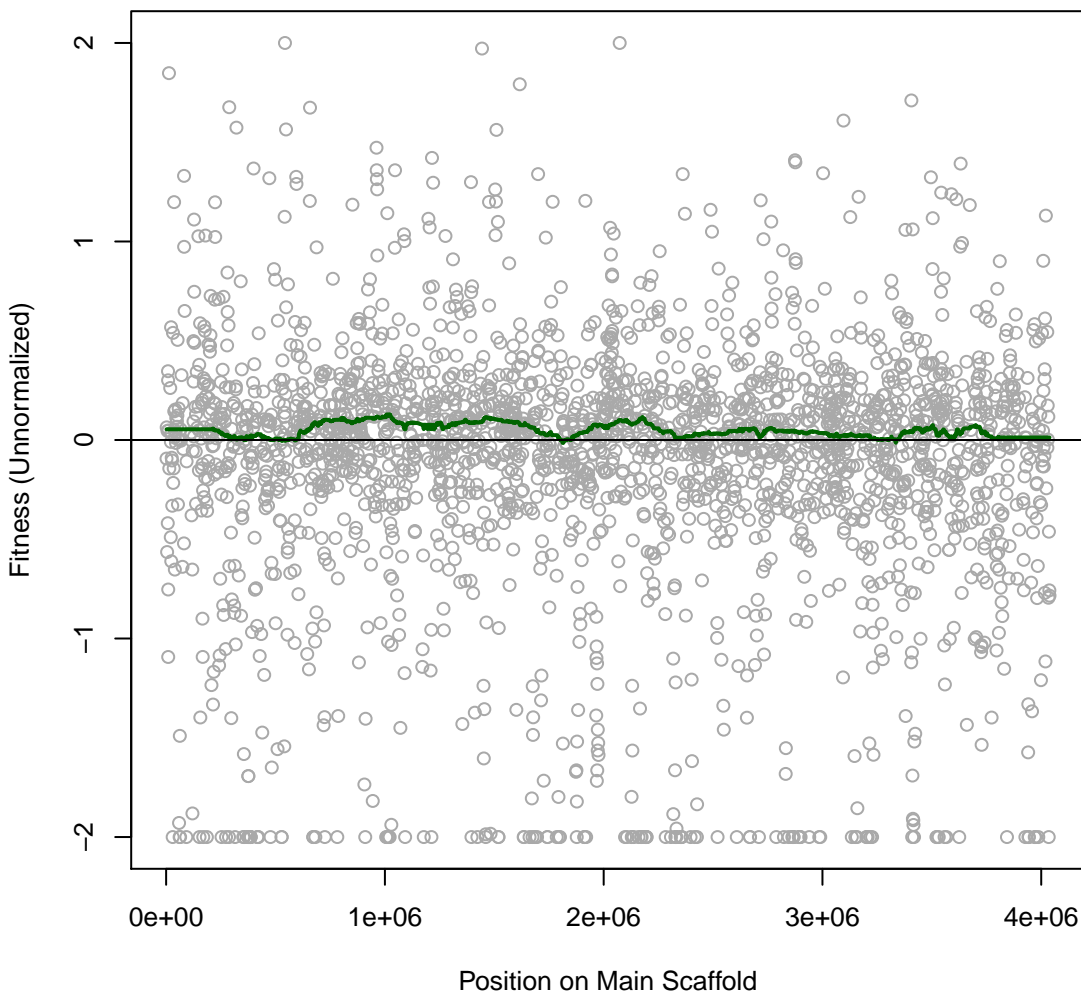
**Miya 6IT052 #195 (gMed=444 rho12=0.471)**  
**8 day starvation, 37C**



**Miya 6IT053 #196 (gMed=324 rho12=0.469)**  
**9 day starvation, 37C**

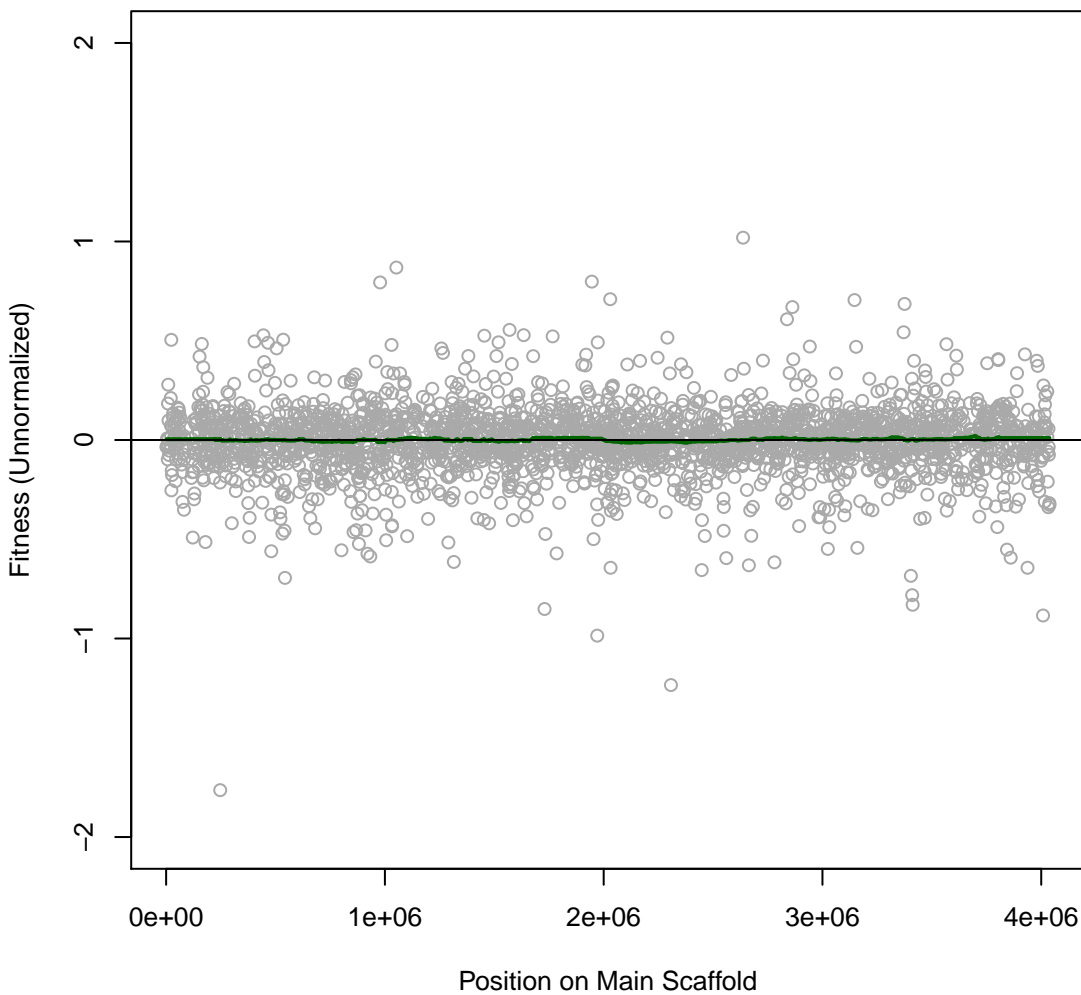


**Miya 6IT054 #197 (gMed=413 rho12=0.513)**  
**10 day starvation, 37C**



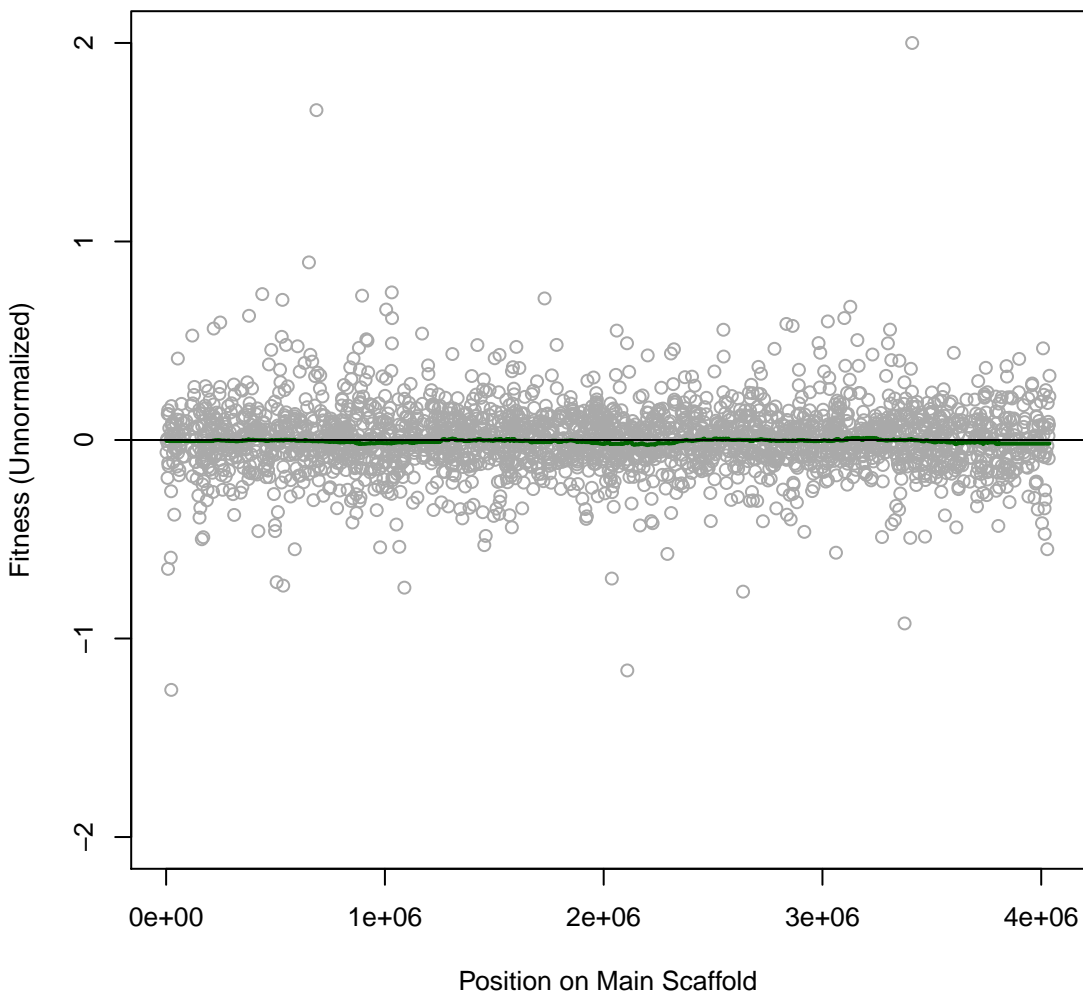
**Miya 7IT025 #198 (gMed=726 rho12=-0.012)**

**Time0**



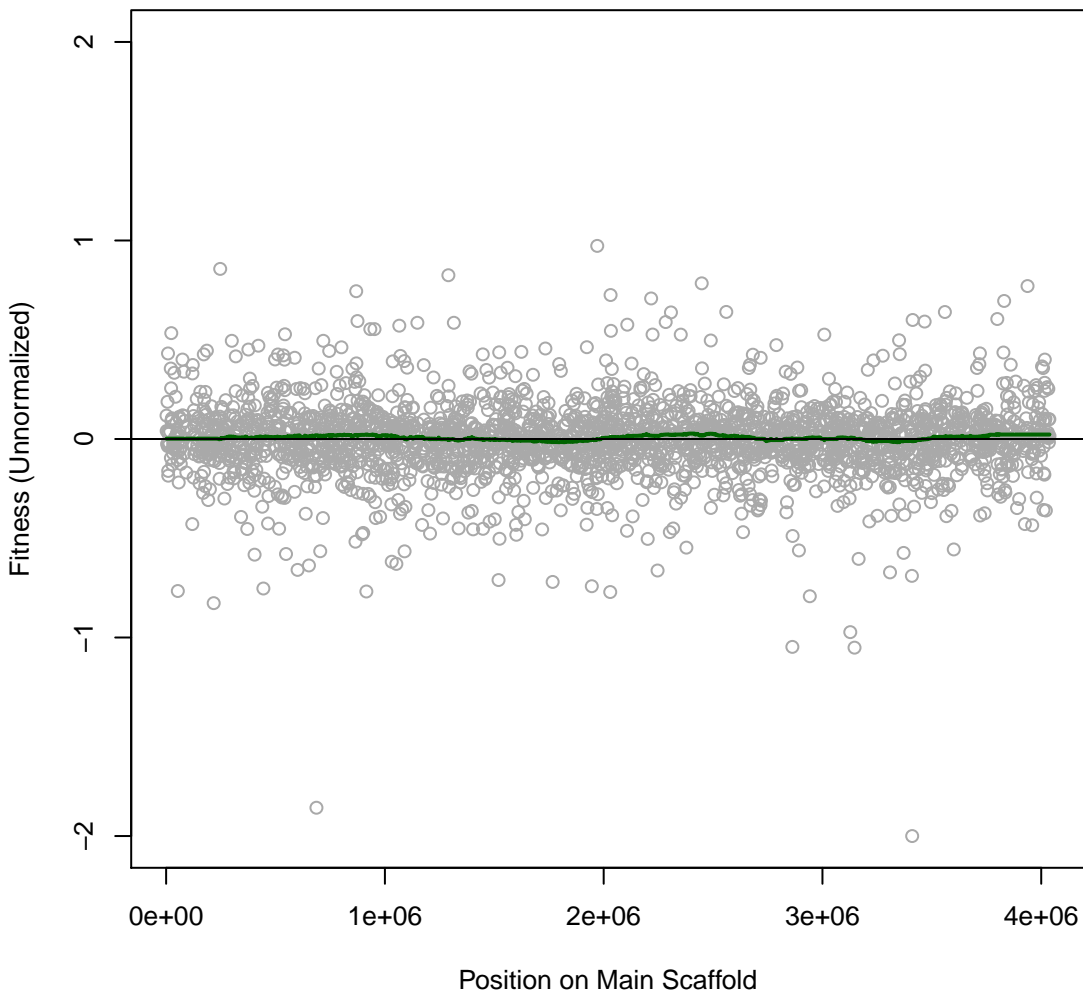
**Miya 7IT026 #199 (gMed=695 rho12=-0.031)**

**Time0**



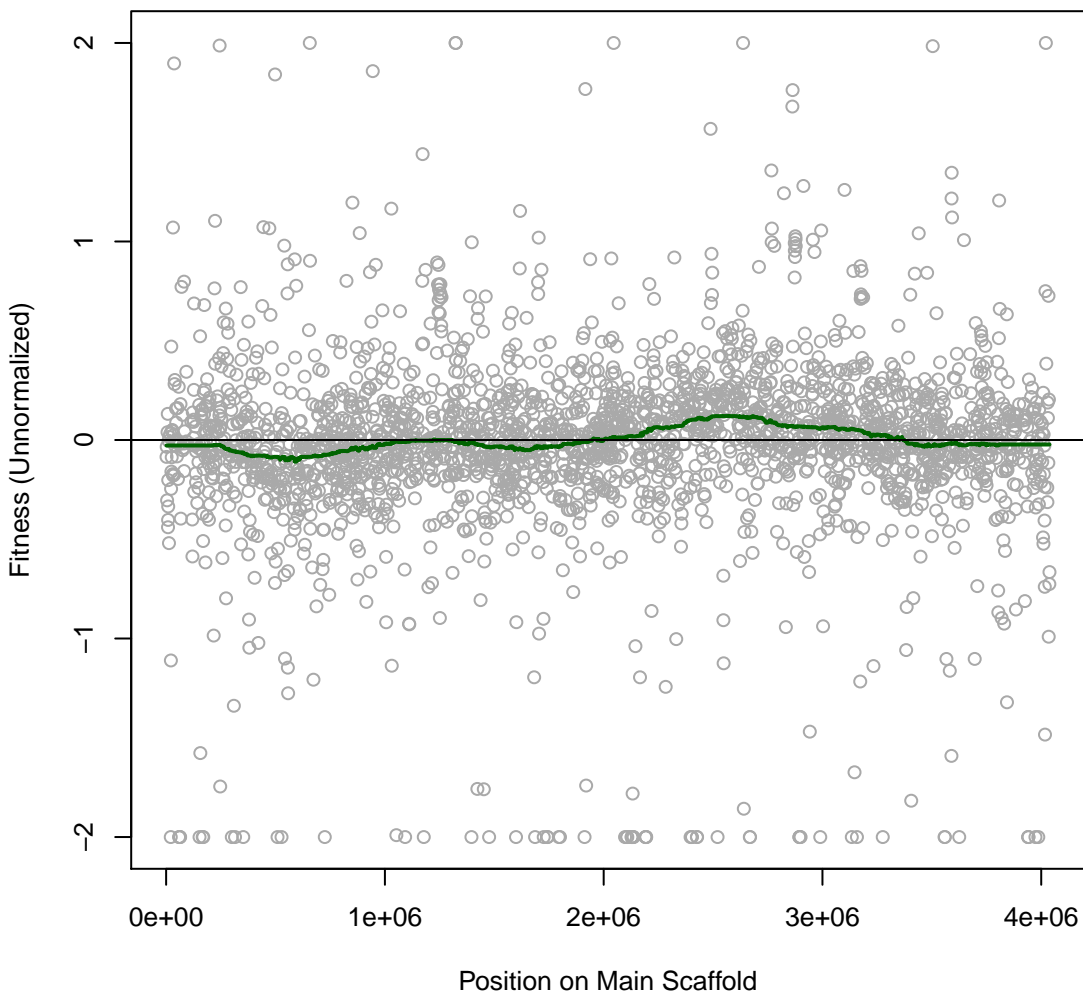
**Miya 7IT027 #200 (gMed=589 rho12=0.019)**

**Time0**

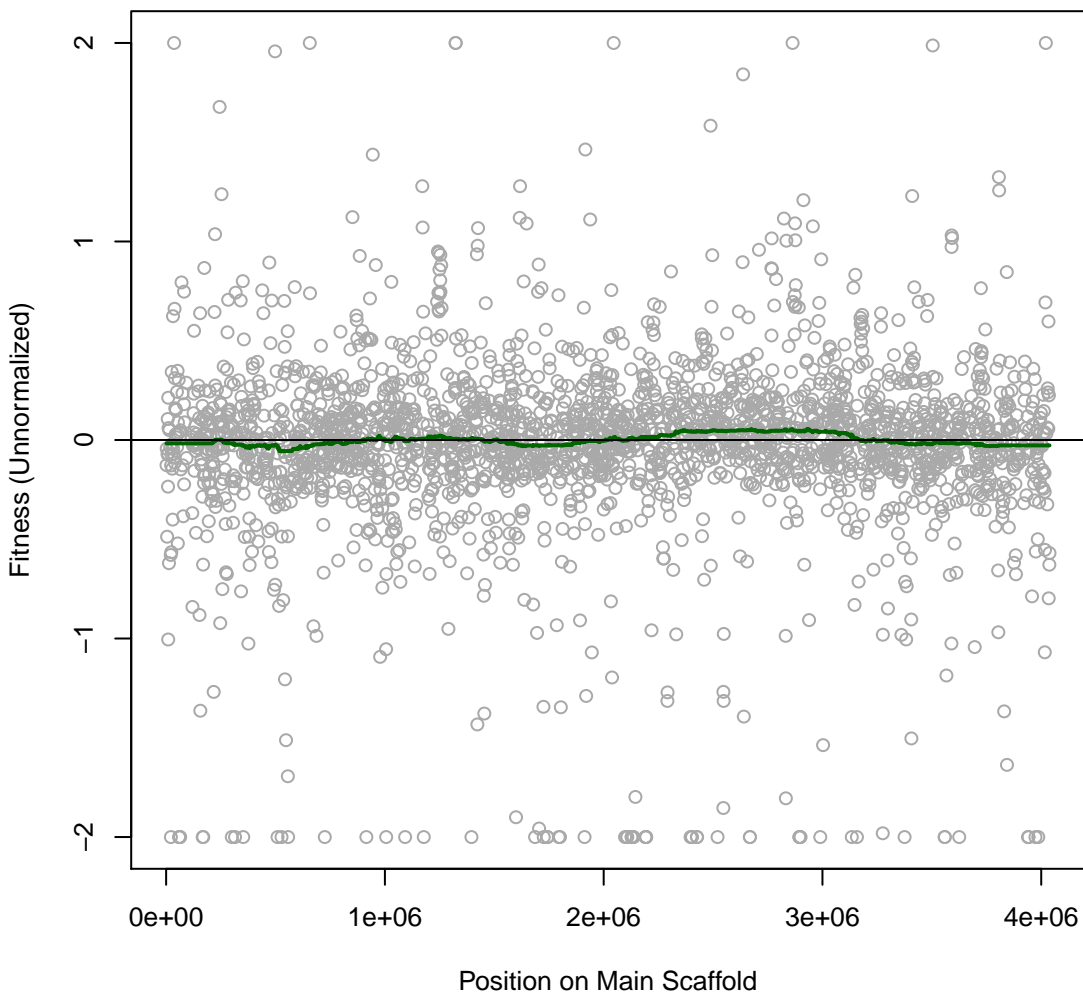




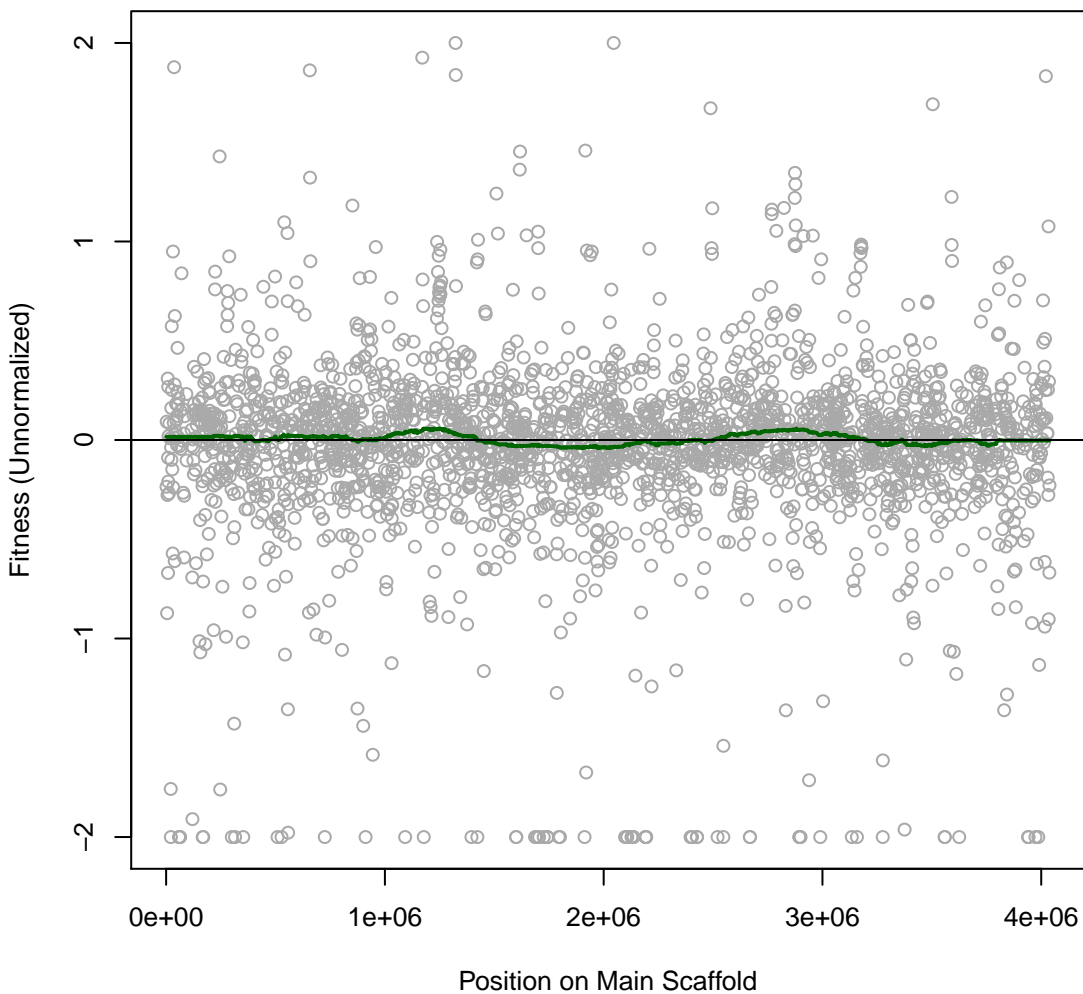
**Miya 7IT028 #201 (gMed=379 rho12=0.295)**  
**D-Lactate (C)**



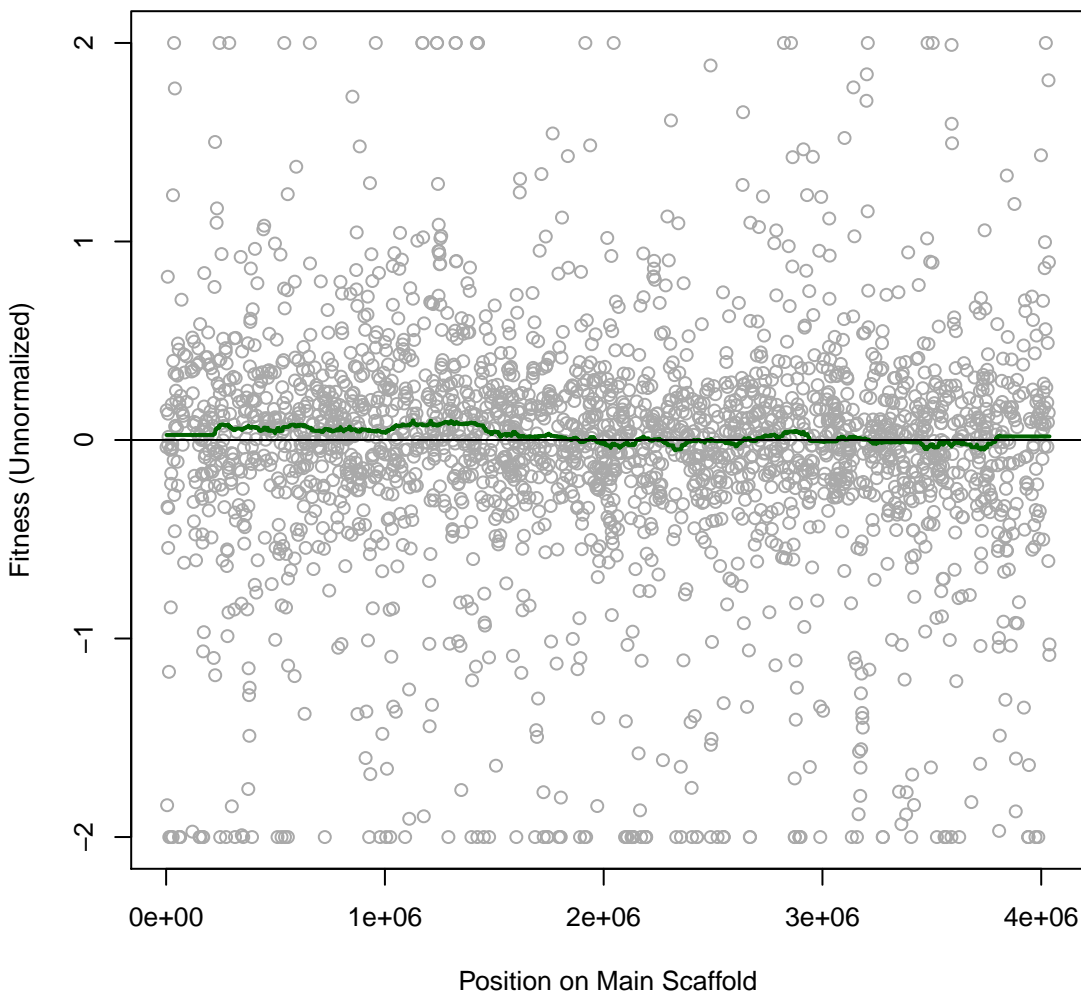
**Miya 7IT029 #202 (gMed=527 rho12=0.387)**  
**L-Lactate (C)**



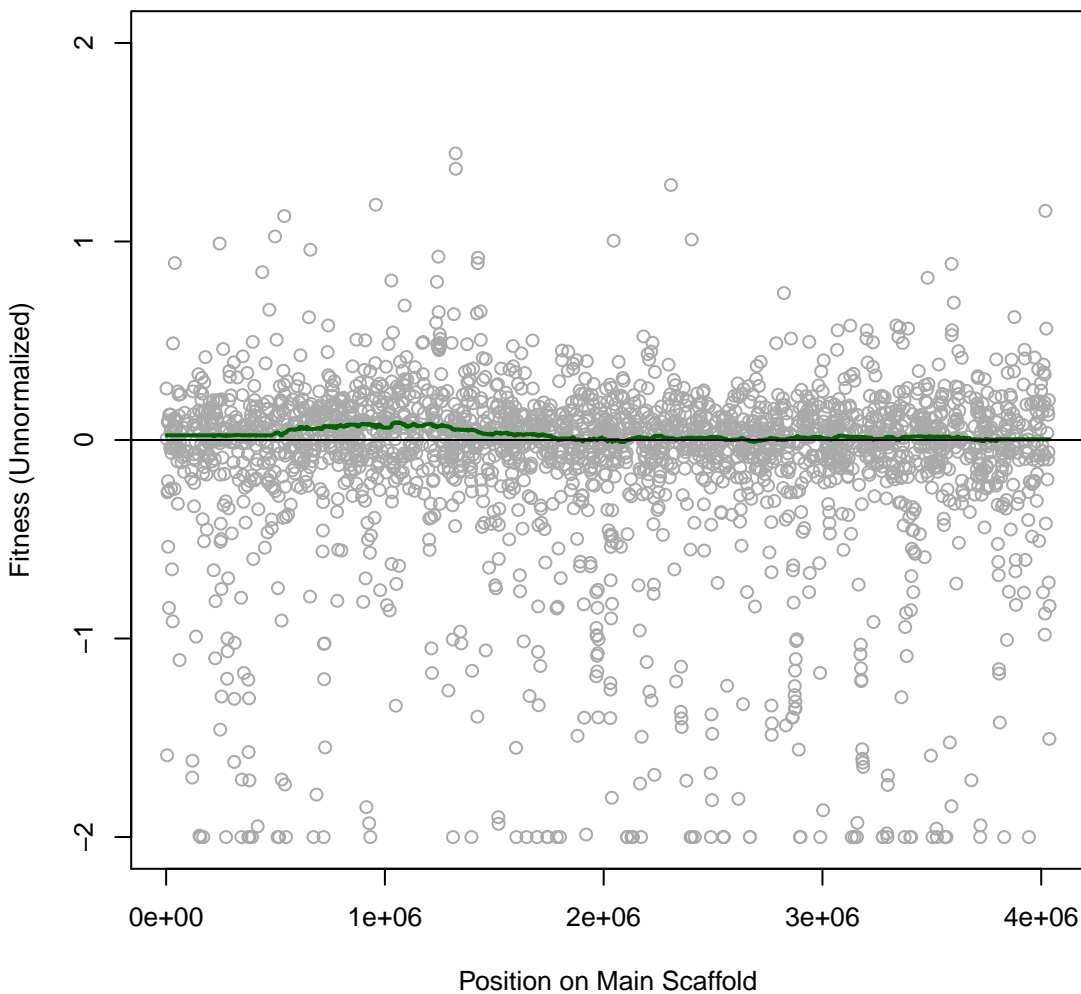
**Miya 7IT030 #203 (gMed=441 rho12=0.335)**  
**D,L-Lactate (C)**



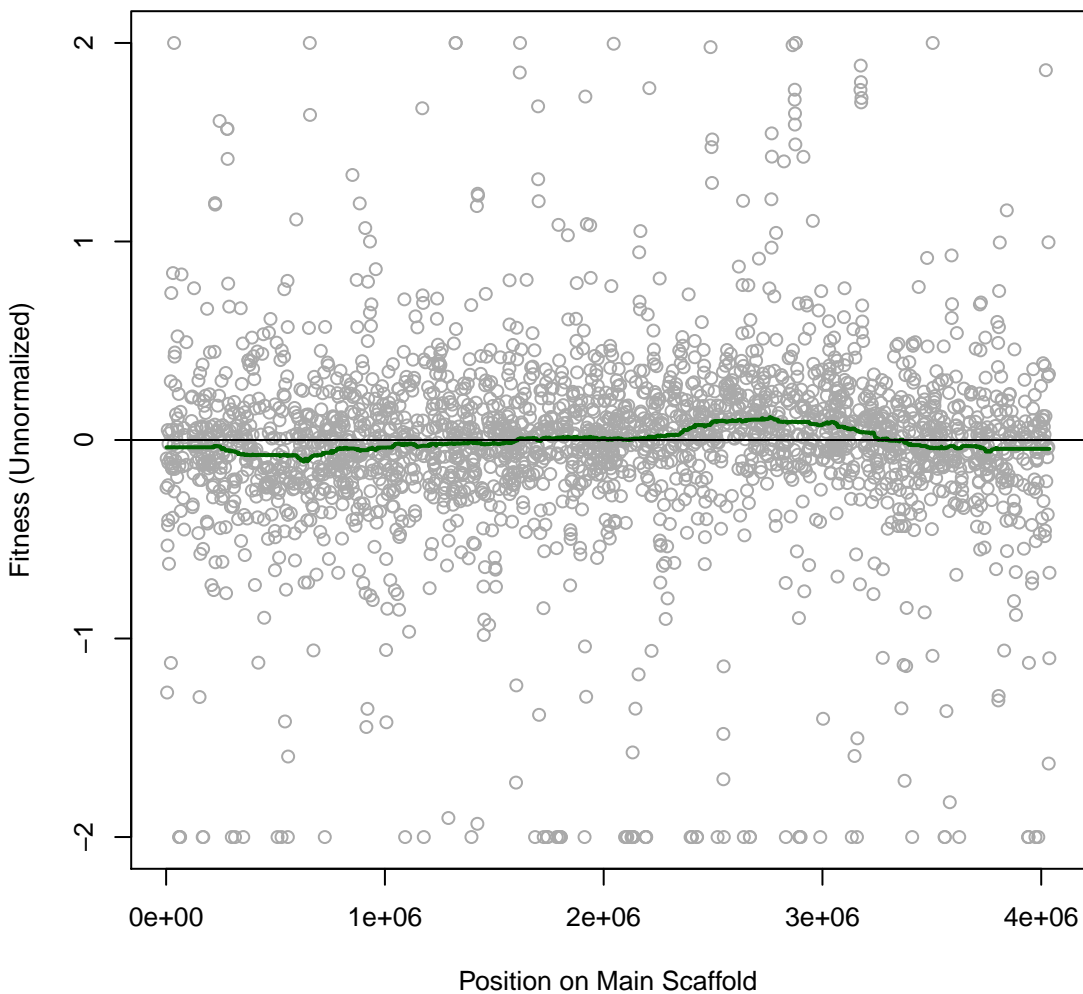
**Miya 7IT033 #206 (gMed=263 rho12=0.378)**  
**L-Serine (C)**



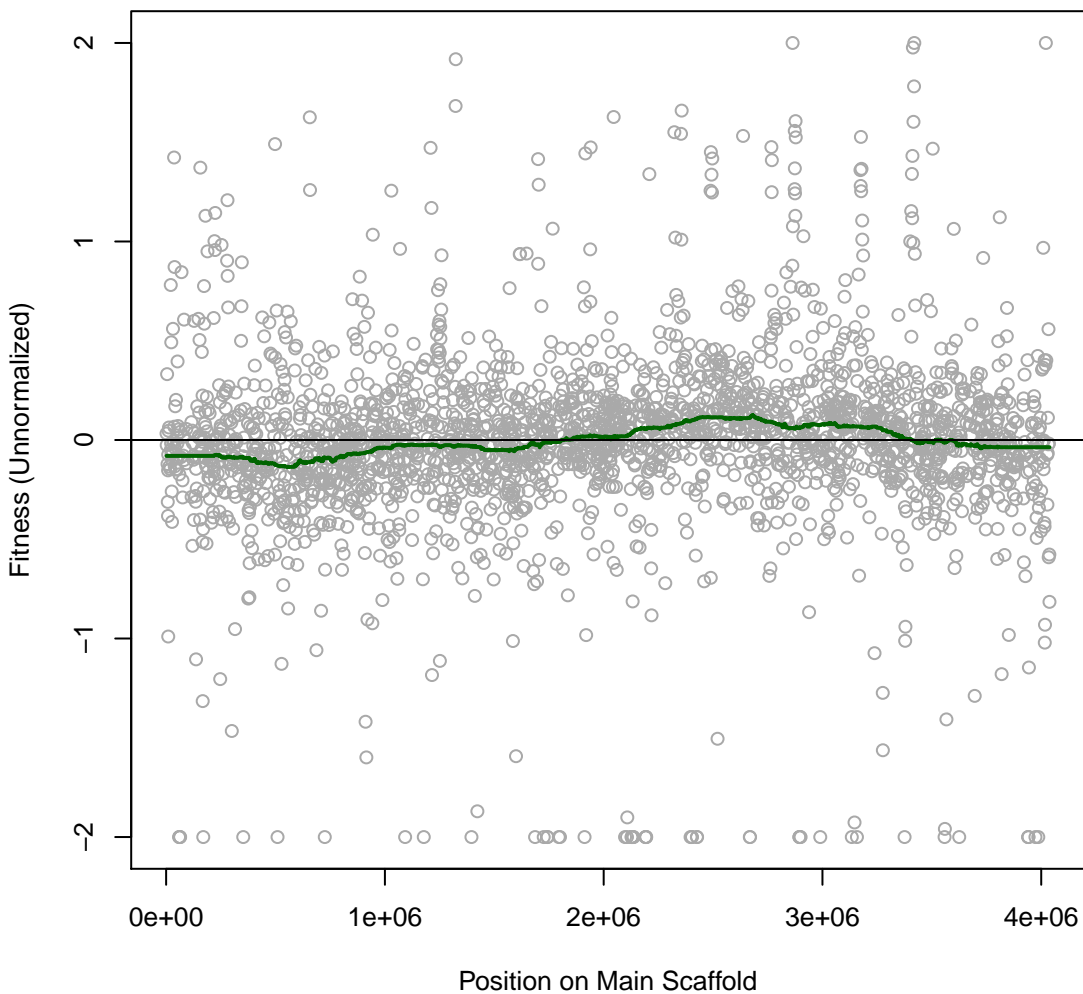
**Miya 7IT039 #212 (gMed=645 rho12=0.459)**  
**casaminos (C)**



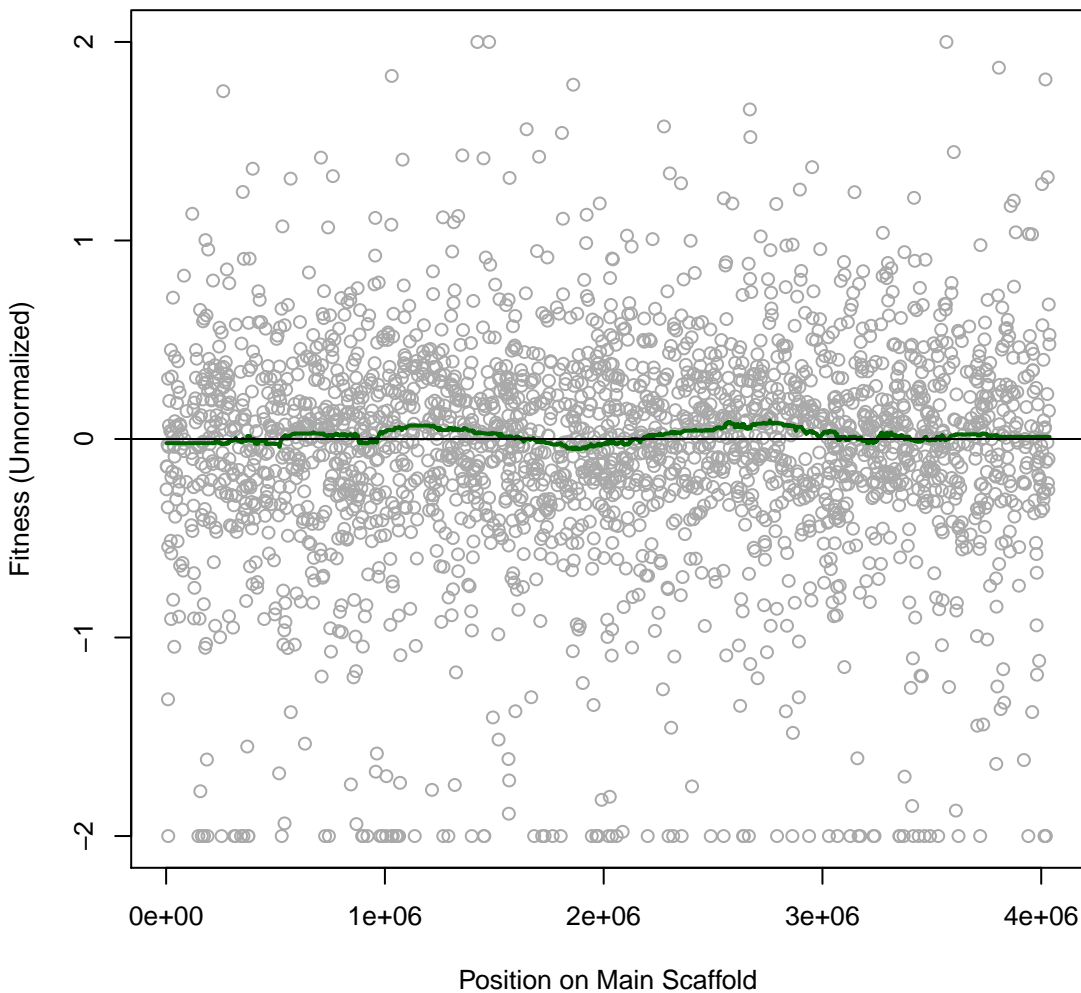
**Miya 7IT044 #216 (gMed=468 rho12=0.384)**  
**Defined MoLS4**



**Miya 7IT045 #217 (gMed=482 rho12=0.321)**  
**Defined MoLS4**

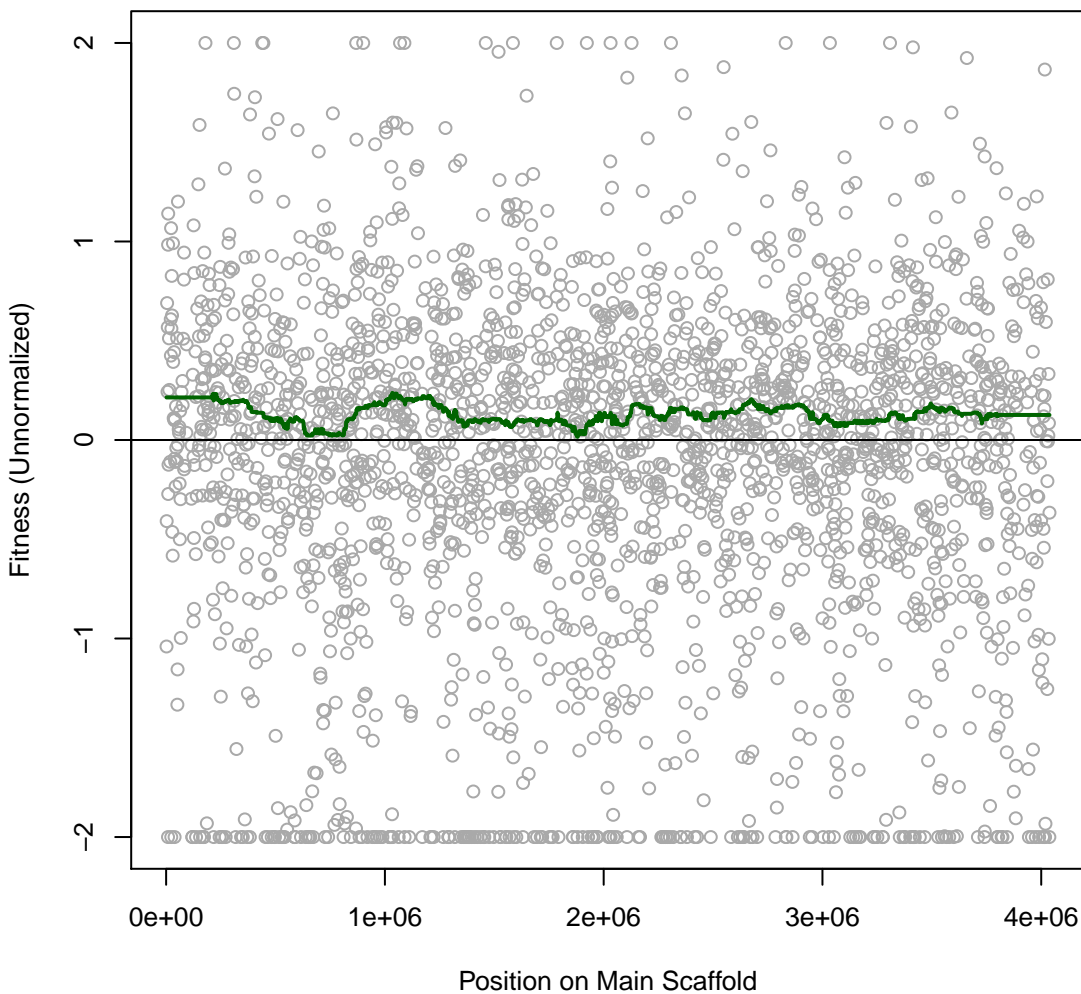


**Miya 7IT046 #218 (gMed=183 rho12=-0.004)**  
**MoLS4 with Benzethonium chloride 0.15625 mM**

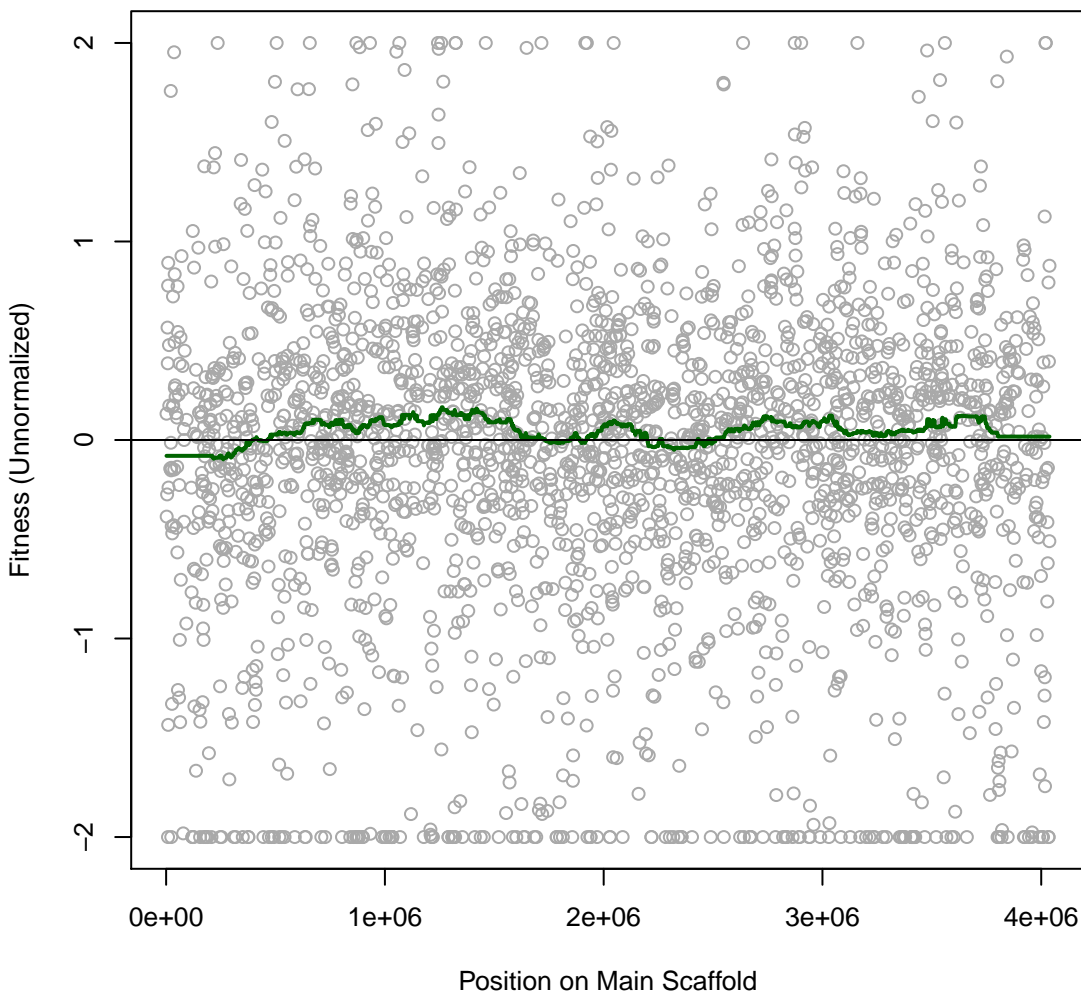




**Miya 7IT047 #219 (gMed=82 rho12=-0.021)**  
**MoLS4 with Benzethonium chloride 0.078125 mM**

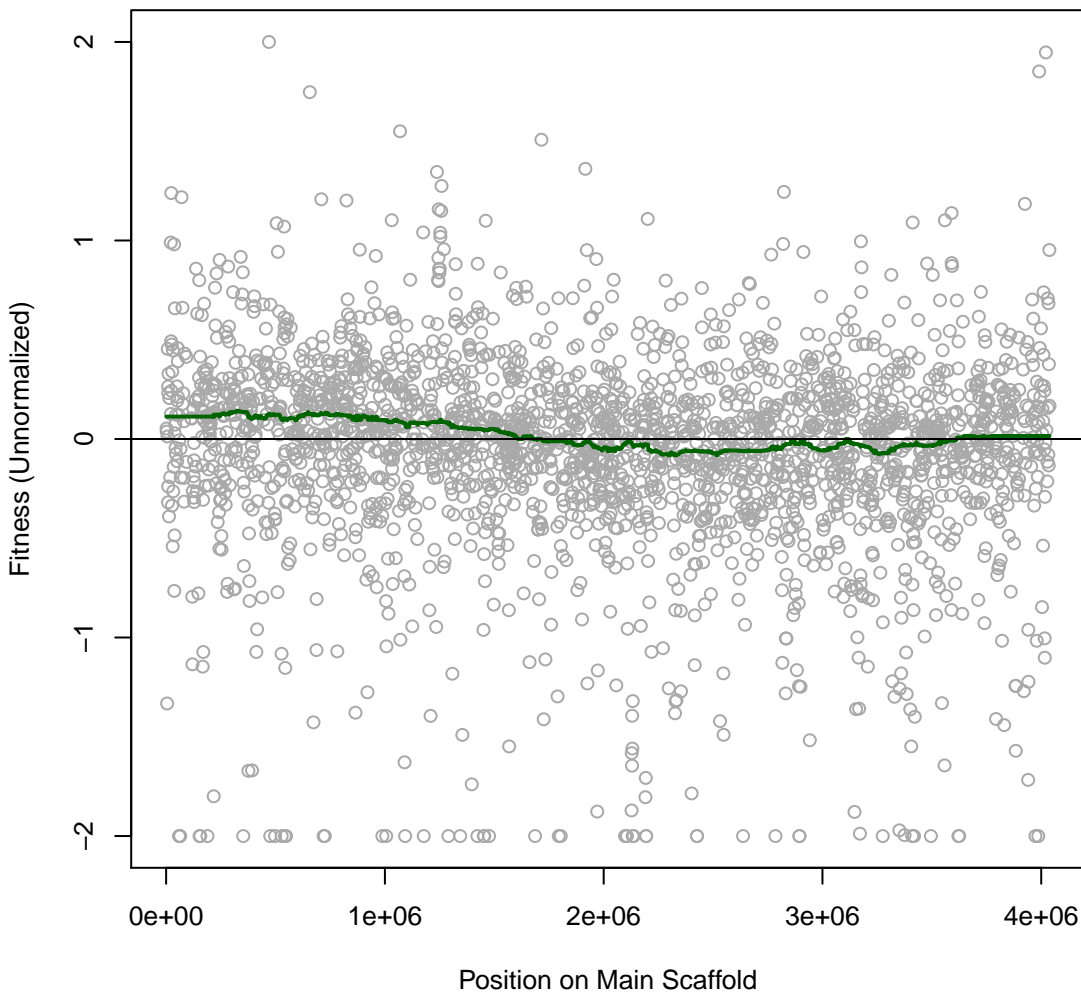


**Miya 7IT048 #220 (gMed=122 rho12=0.140)**  
**MoLS4 with Benzethonium chloride 0.0390625 mM**



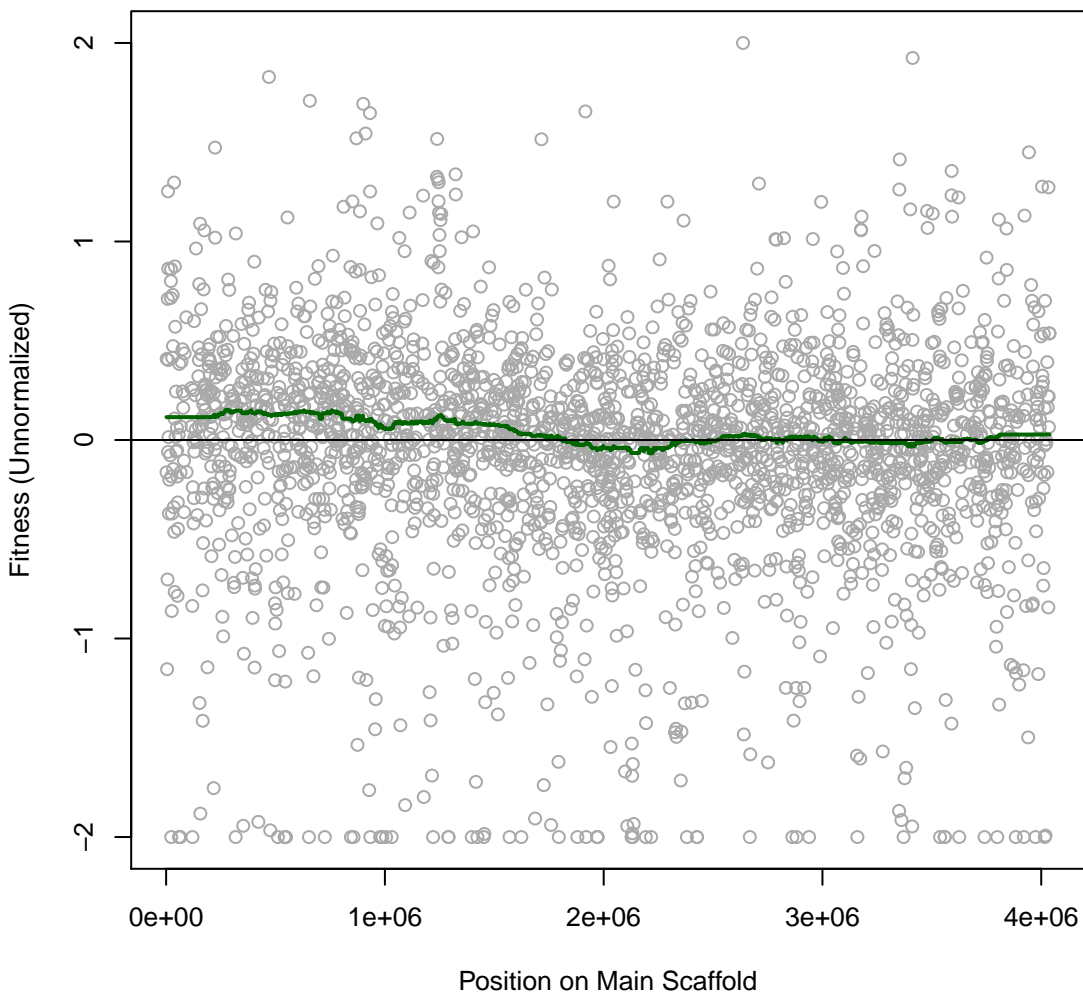
**Miya 7IT049 #221 (gMed=386 rho12=0.247)**

**MoLS4 with D-Cycloserine 0.25 mg/ml**



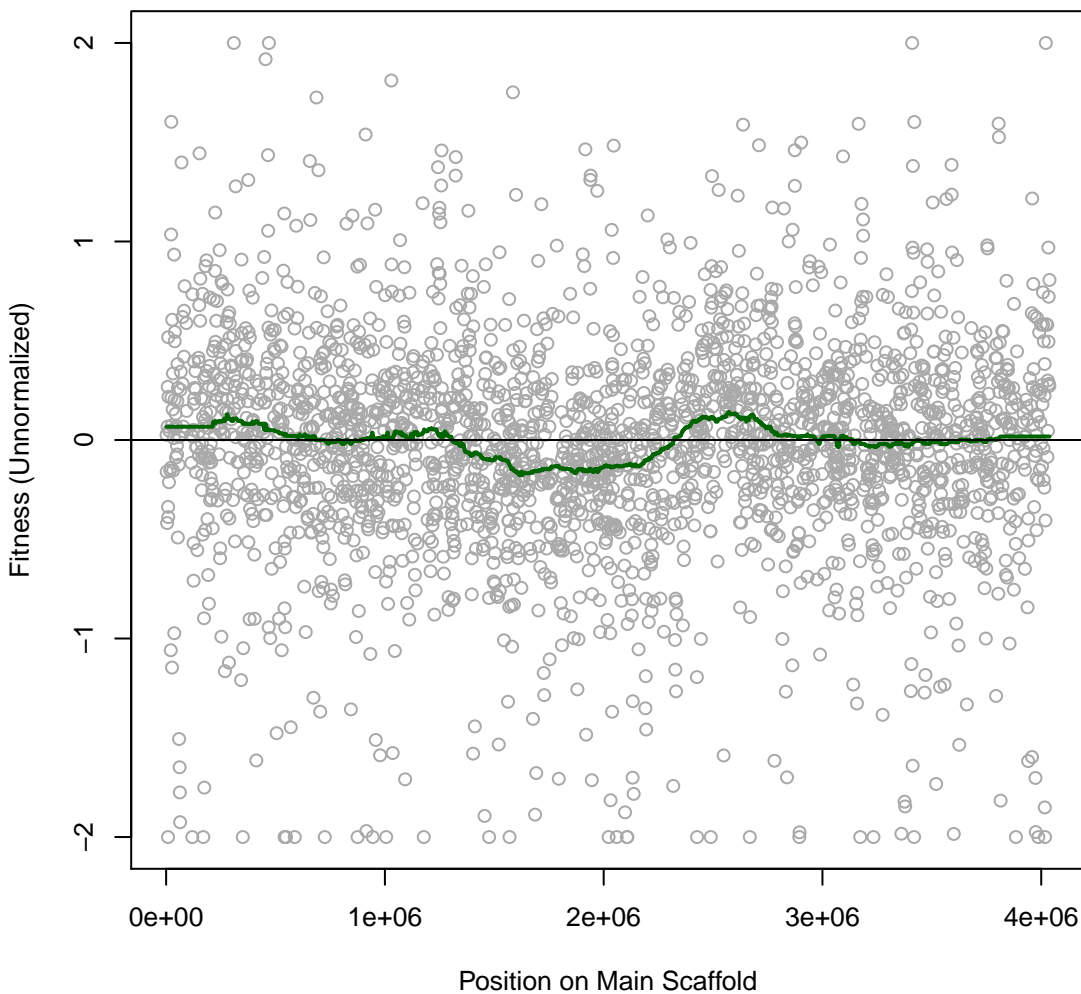
**Miya 7IT050 #222 (gMed=283 rho12=0.168)**

**MoLS4 with D-Cycloserine 0.125 mg/ml**

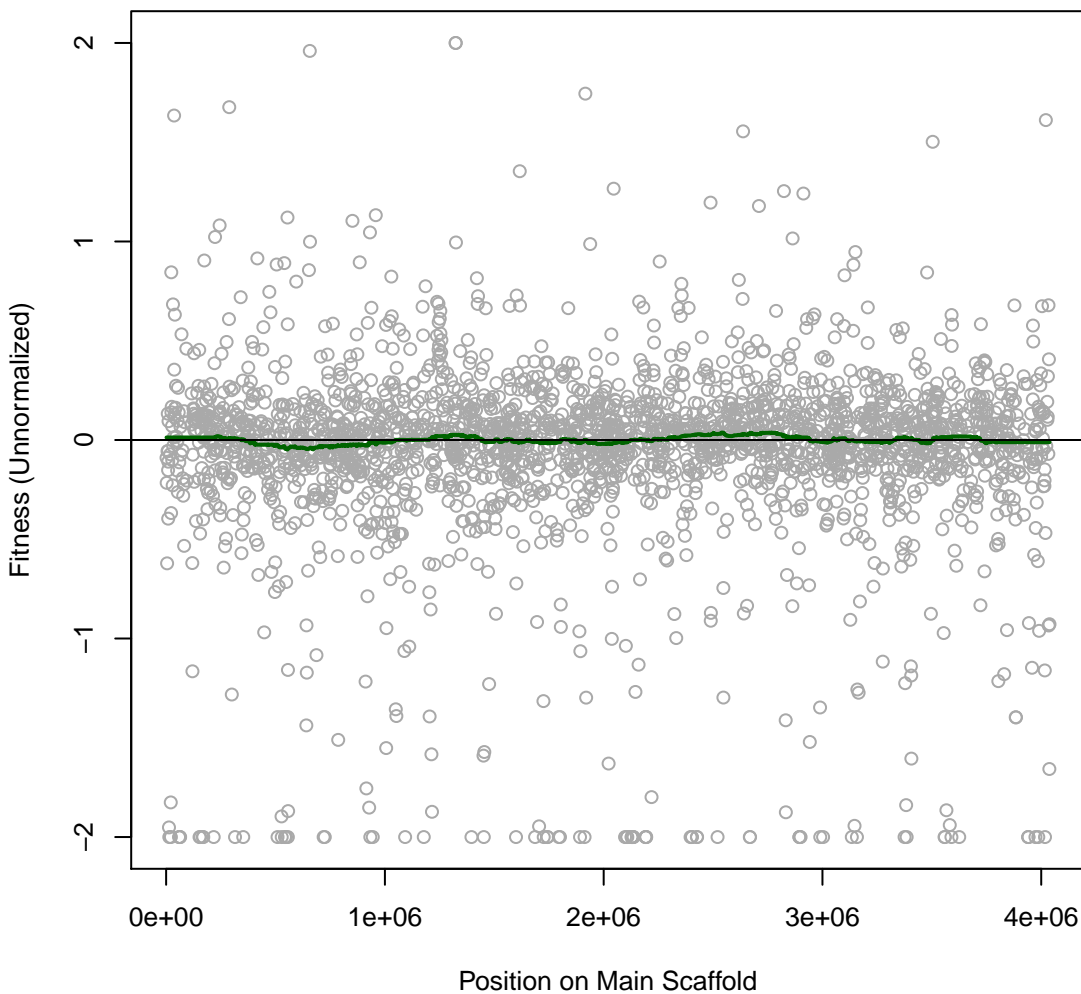


**Miya 7IT051 #223 (gMed=321 rho12=0.222)**

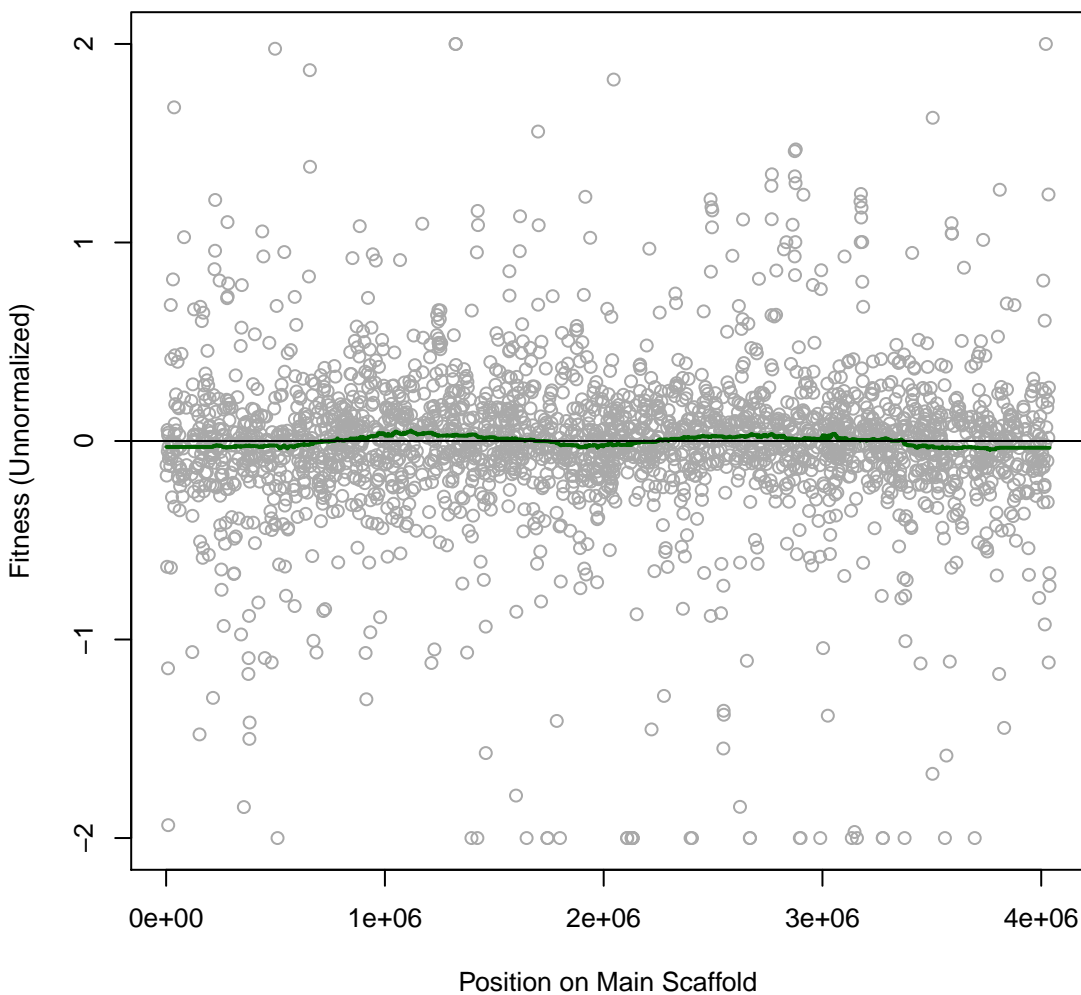
**MoLS4 with D-Cycloserine 0.0625 mg/ml**



**Miya 7IT052 #224 (gMed=458 rho12=0.361)**  
**L-Serine (N)**

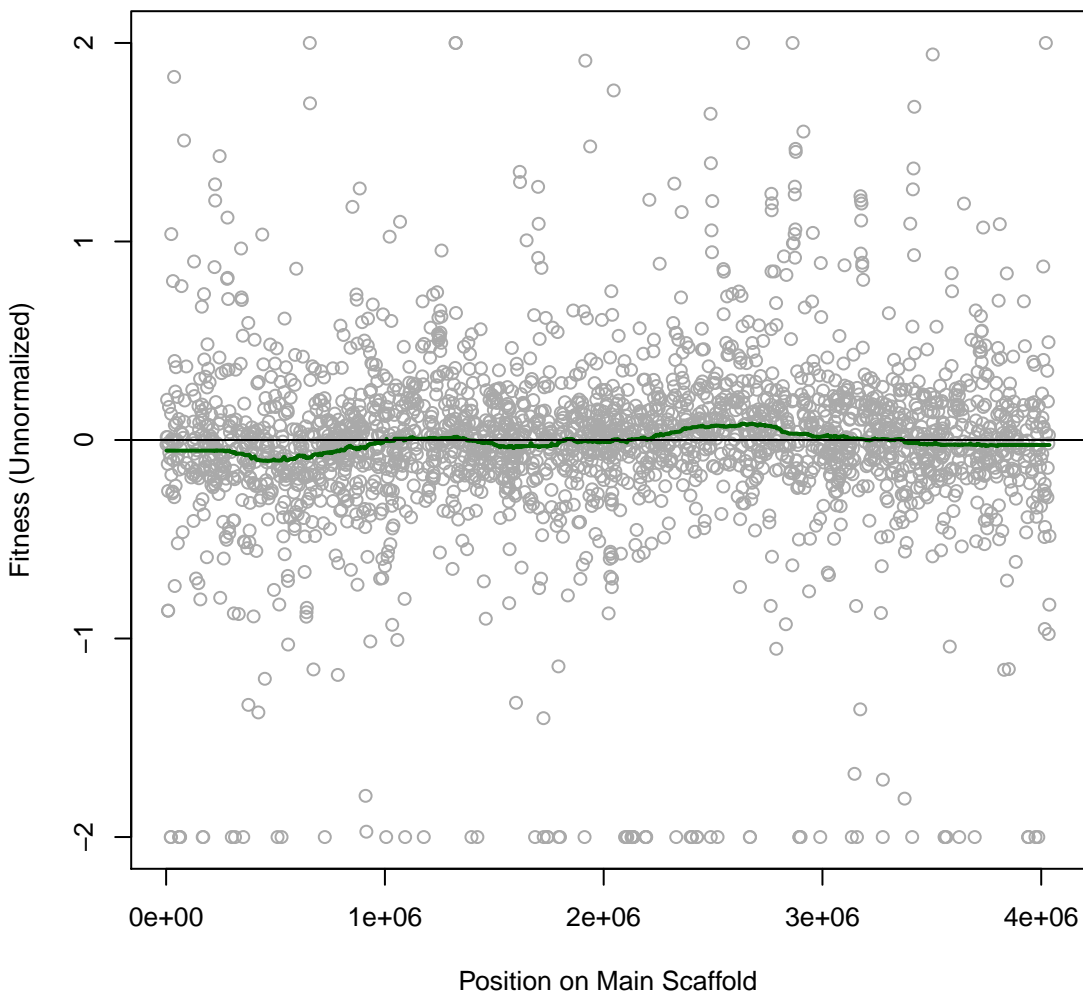


**Miya 7IT055 #227 (gMed=560 rho12=0.359)**  
**casaminos (N)**



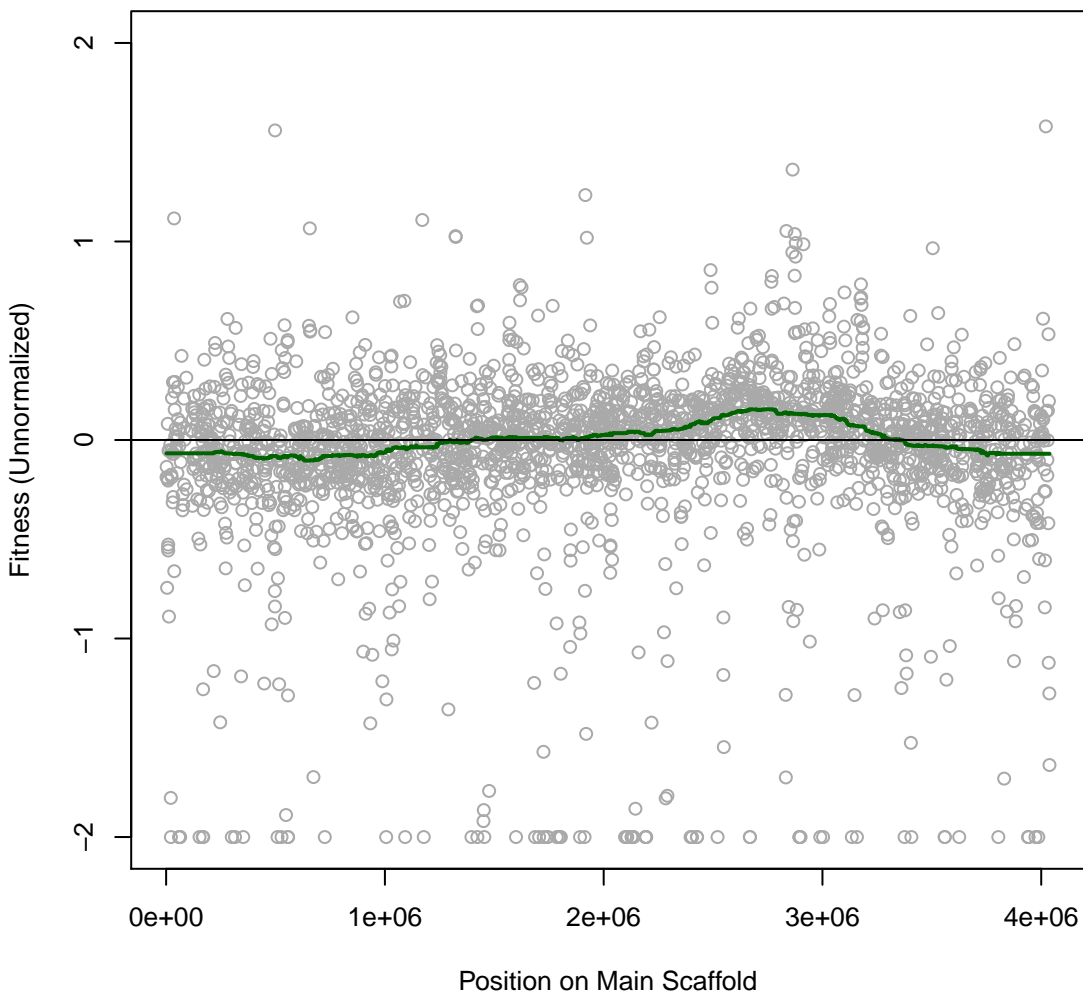
**Miya 7IT056 #228 (gMed=478 rho12=0.315)**

**Glucuronamide (N)**

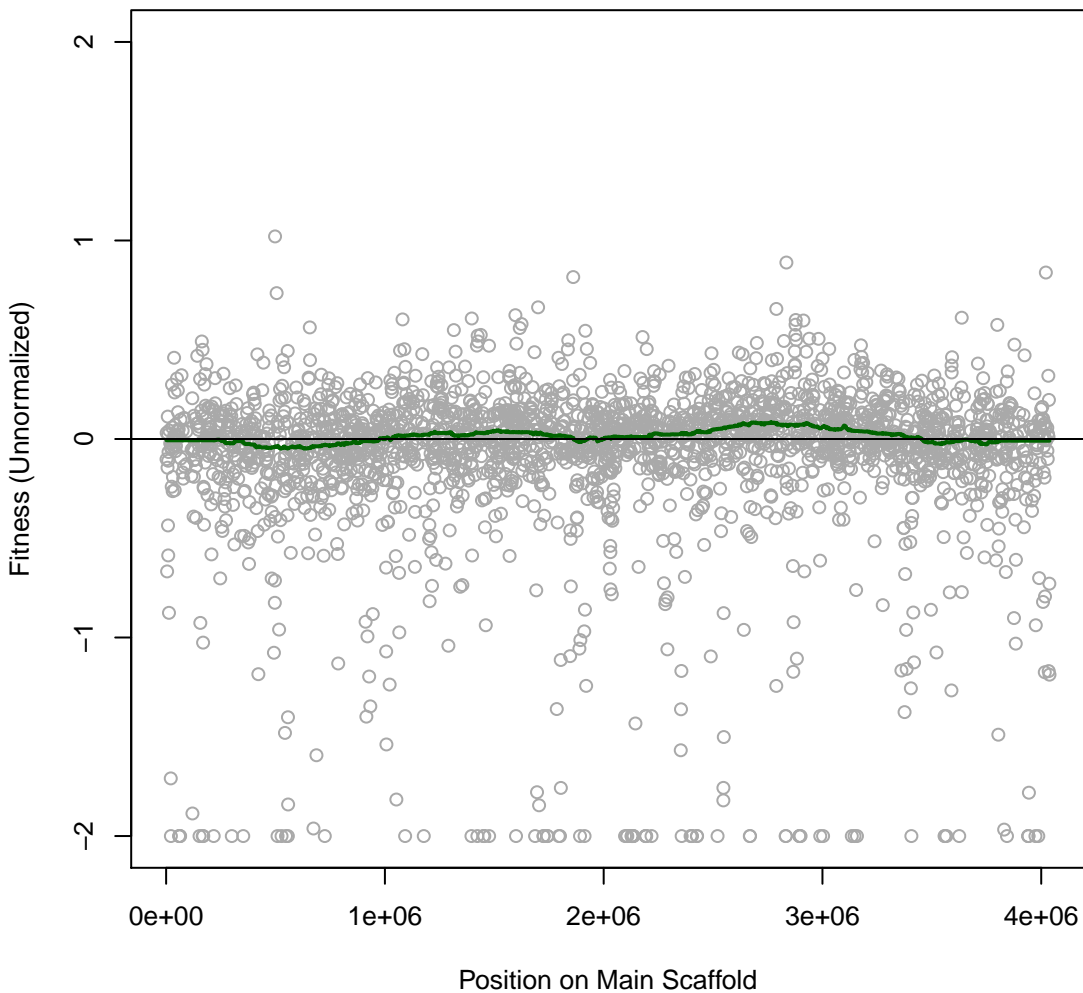




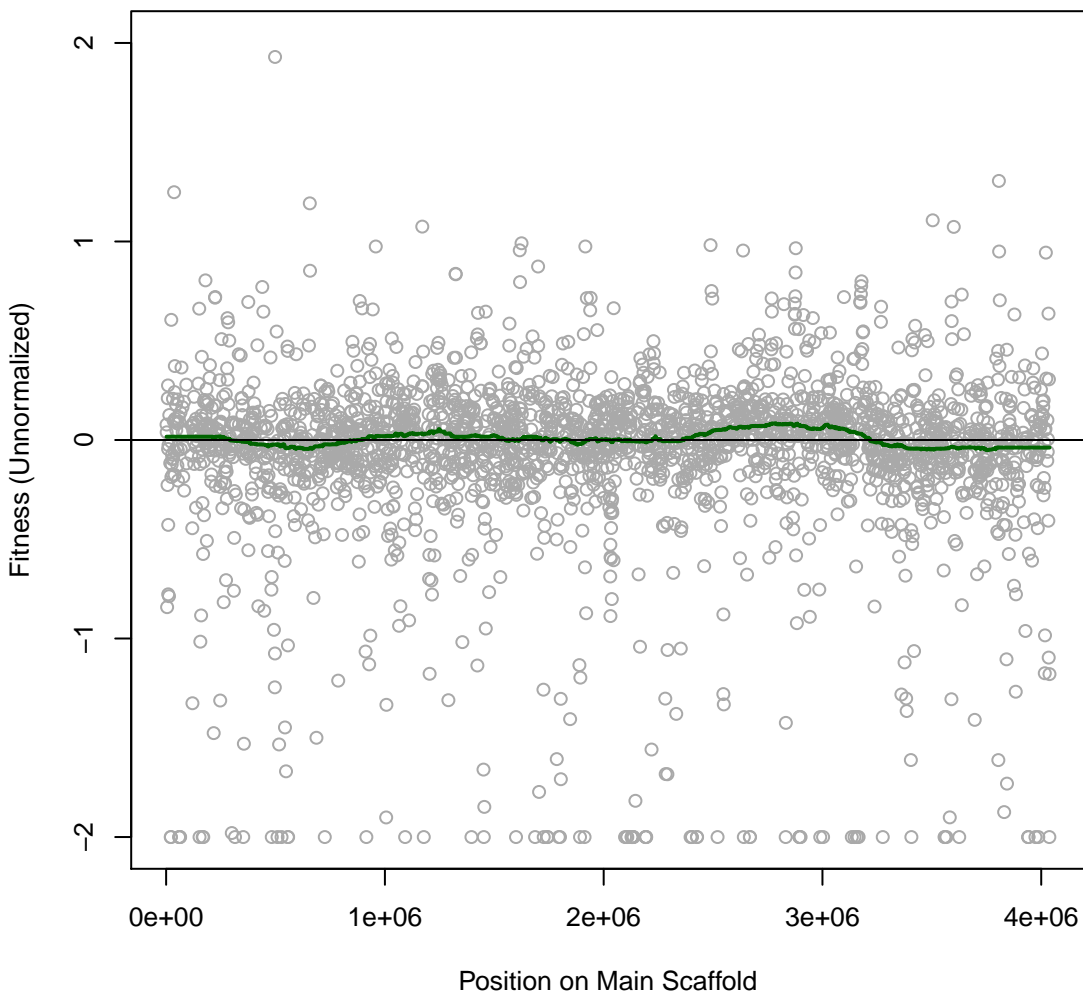
**Miya 7IT057 #229 (gMed=531 rho12=0.414)**  
**Defined MoLS4**



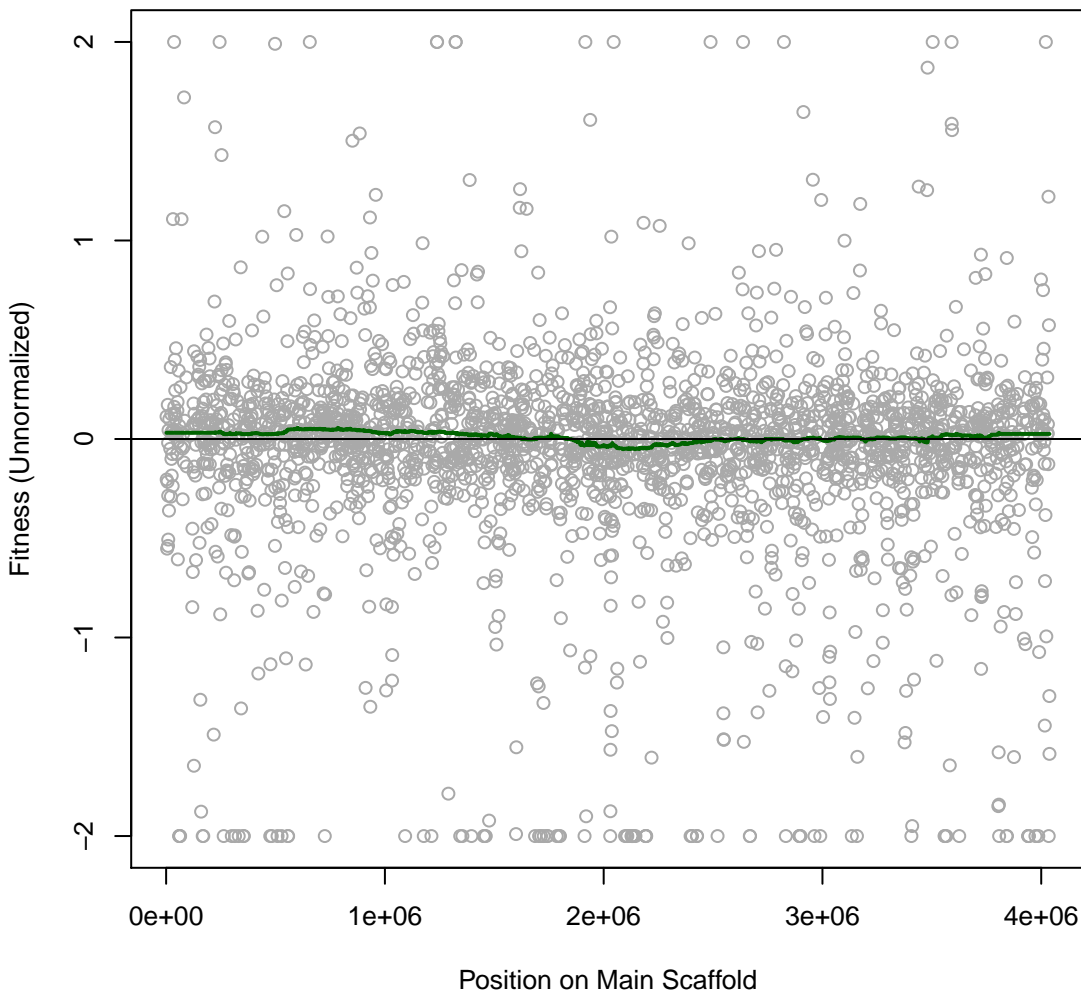
**Miya 7IT058 #230 (gMed=608 rho12=0.359)**  
**Defined MoLS4**



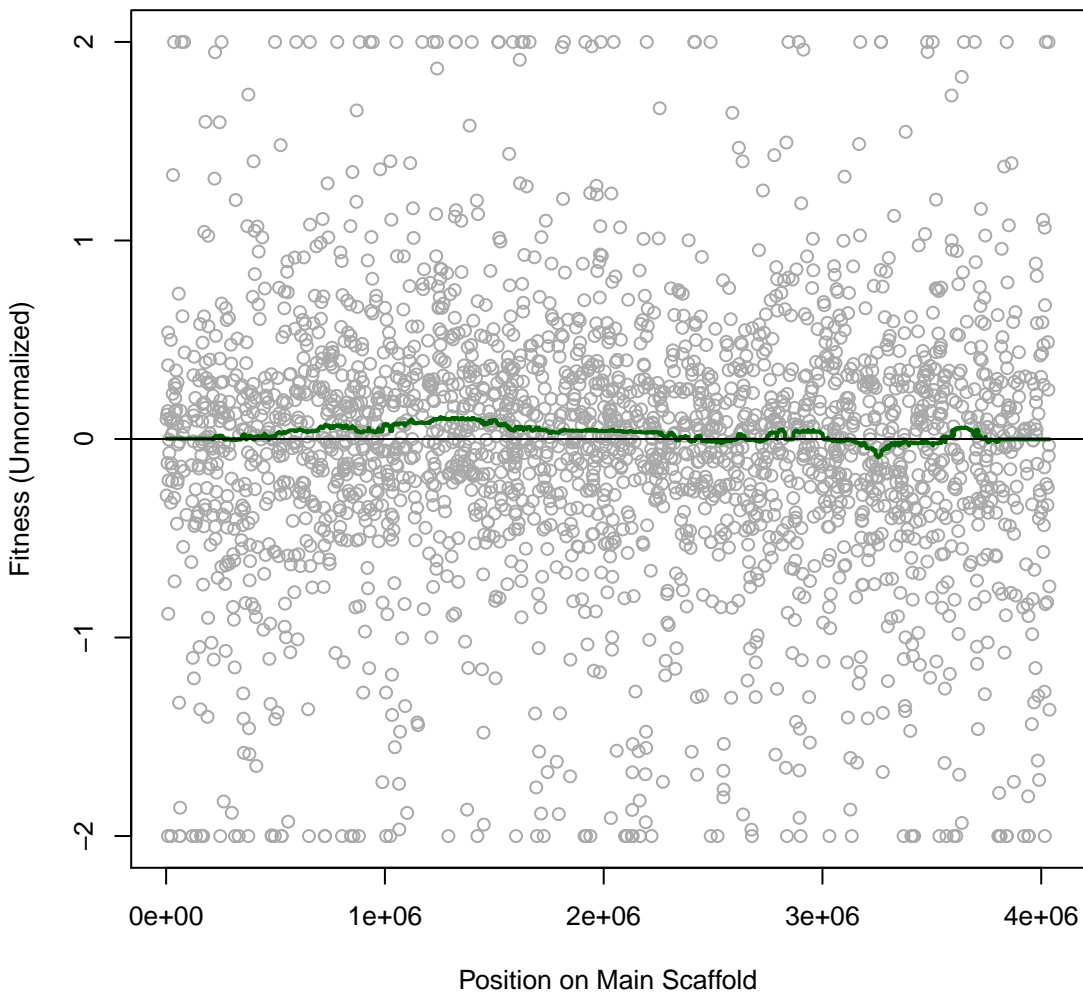
**Miya 7IT059 #231 (gMed=700 rho12=0.406)**  
**Defined MoLS4**



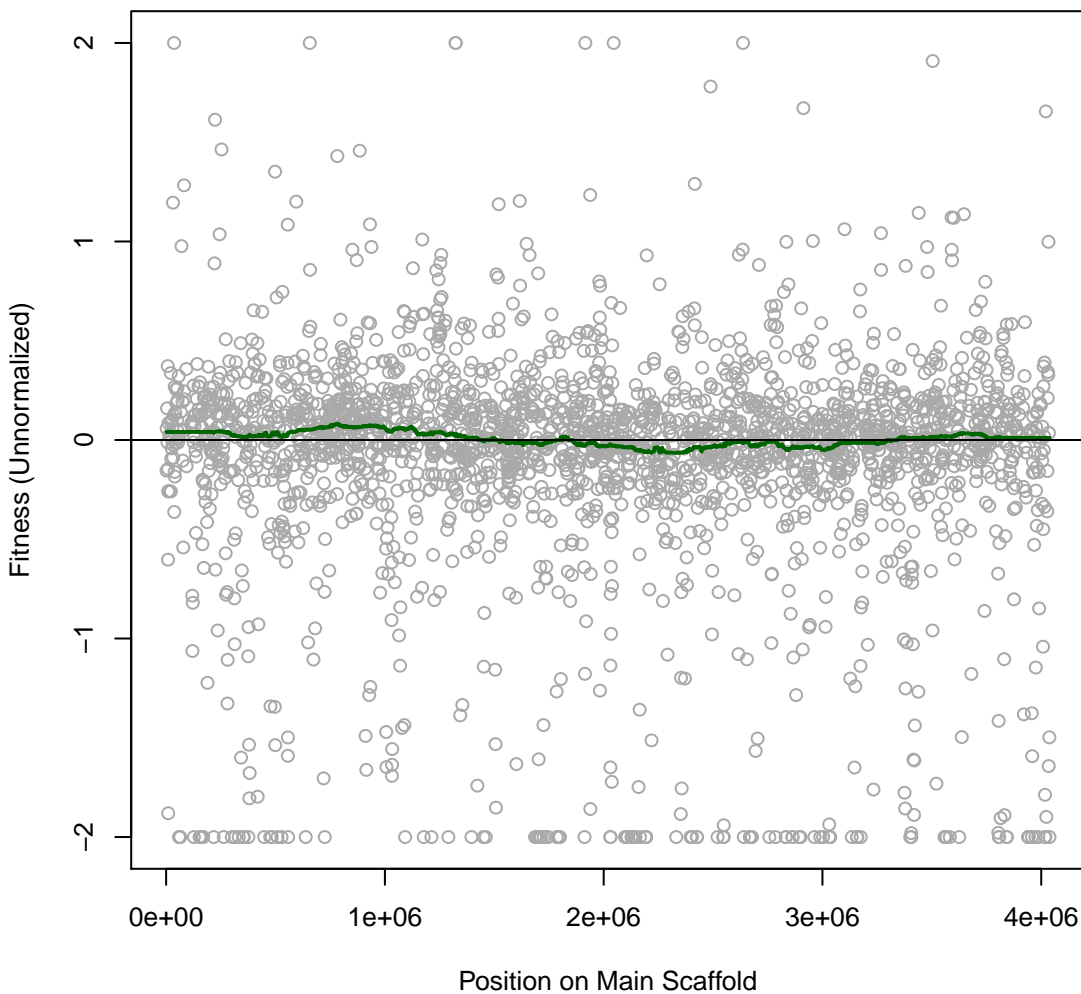
**Miya 7IT060 #232 (gMed=423 rho12=0.412)**  
**MoLS4 with Chlorite 12.5 mM**



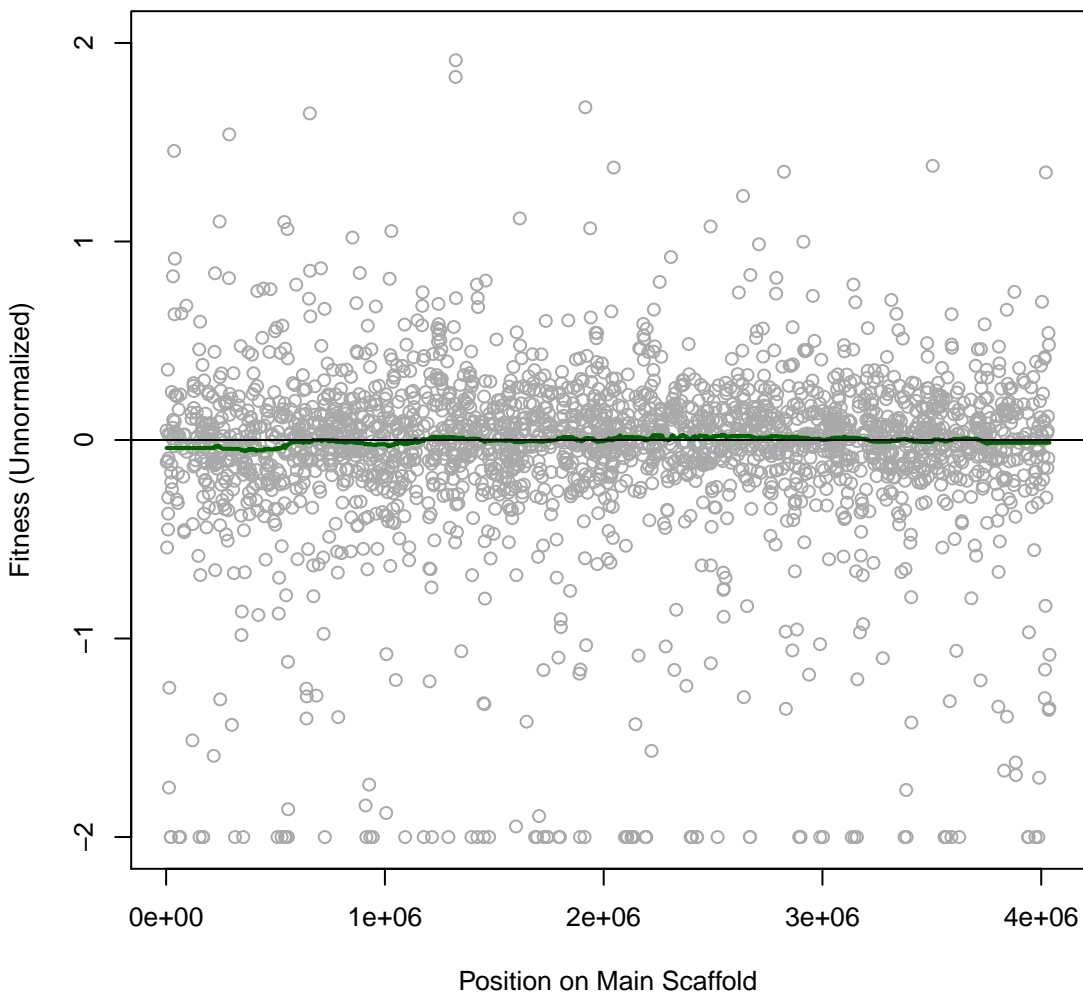
**Miya 7IT061 #233 (gMed=179 rho12=0.298)**  
**MoLS4 with Chlorate 6.25 mM**



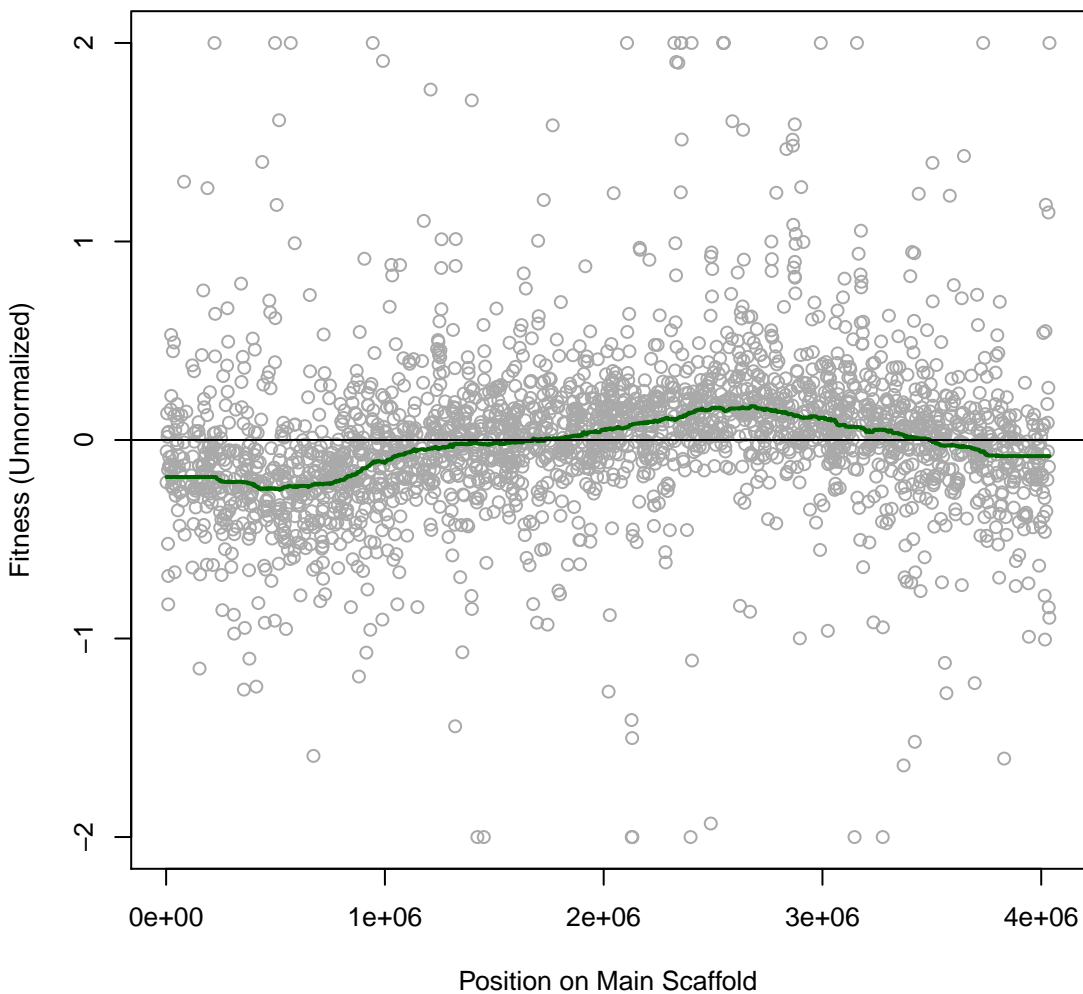
**Miya 7IT062 #234 (gMed=497 rho12=0.425)**  
**MoLS4 with Chlorate 3.125 mM**



**Miya 7IT063 #235 (gMed=531 rho12=0.395)**  
**L-Serine (N)**



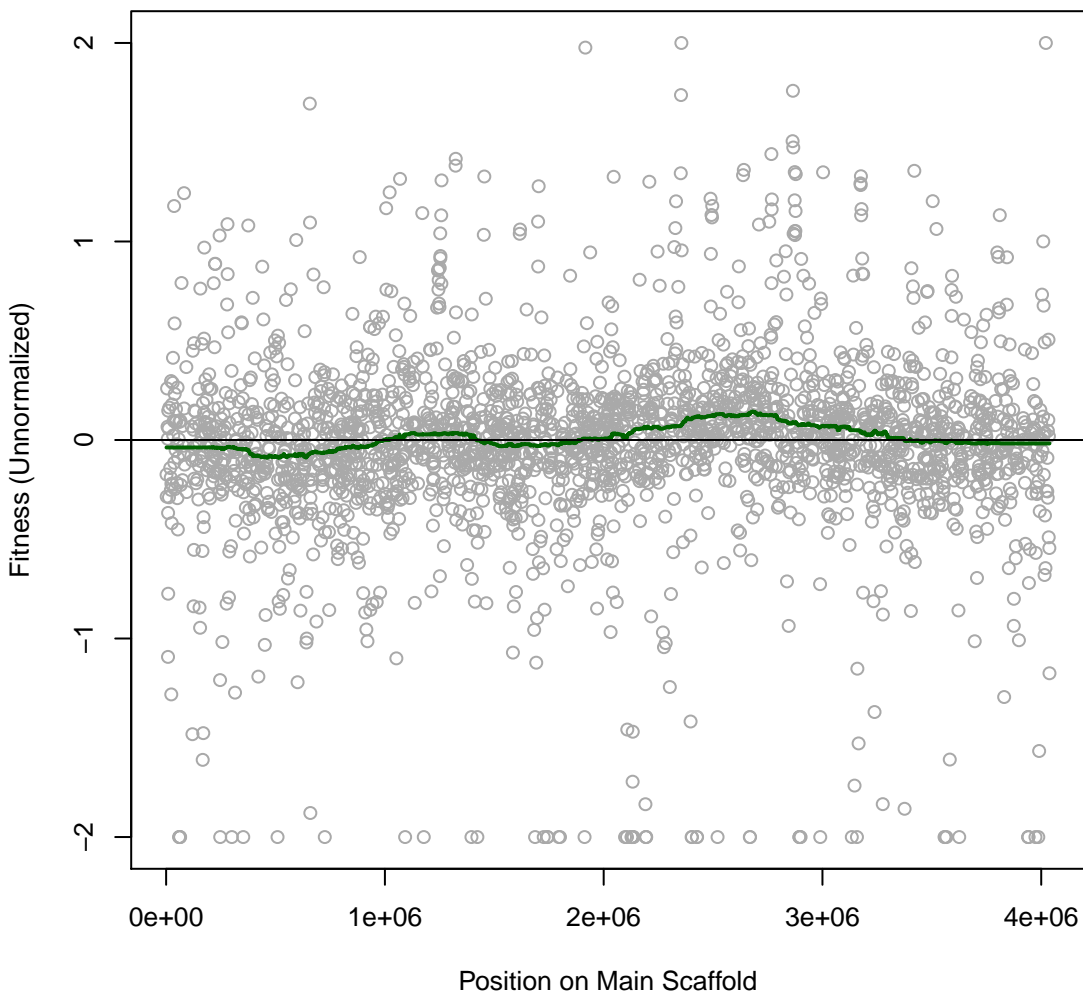
**Miya 7IT068 #240 (gMed=436 rho12=0.256)**  
**casaminos (N)**



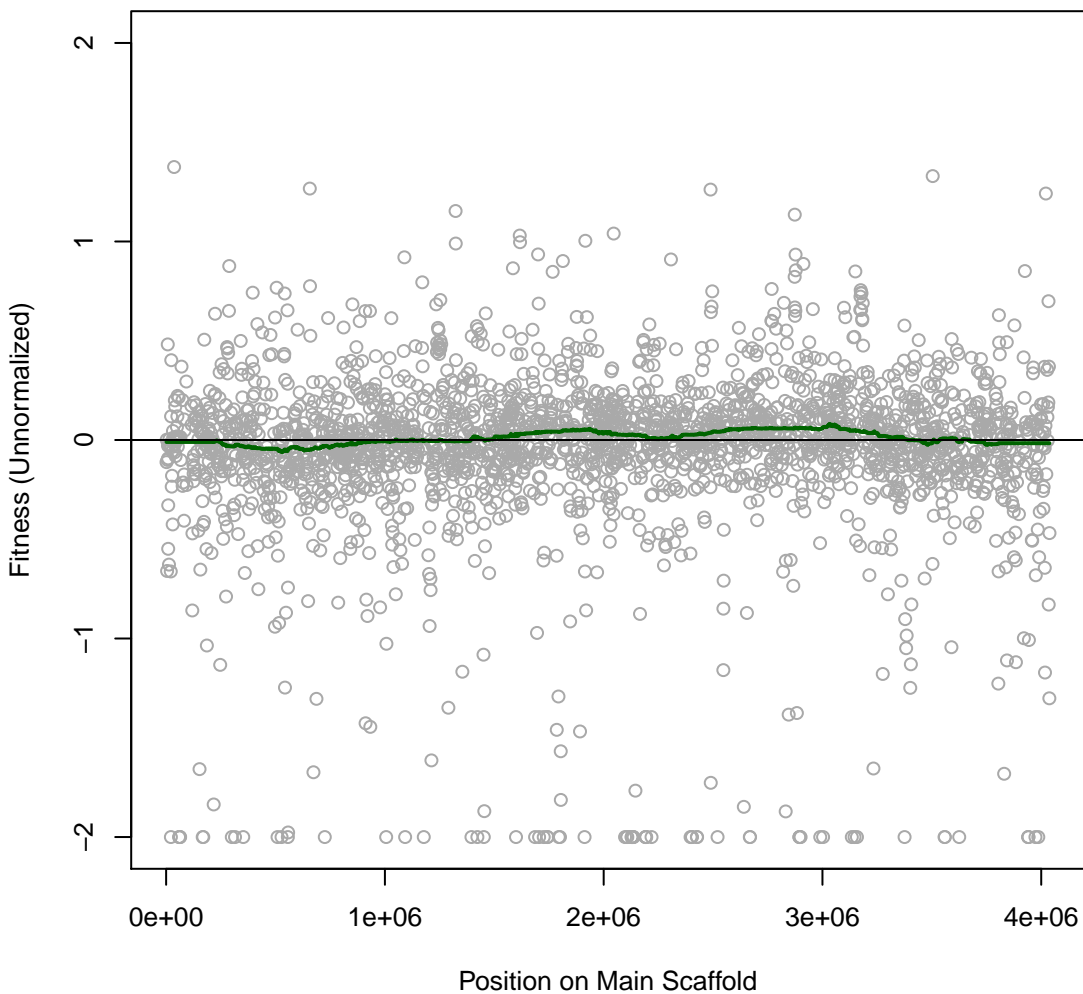


**Miya 7IT069 #241 (gMed=376 rho12=0.263)**

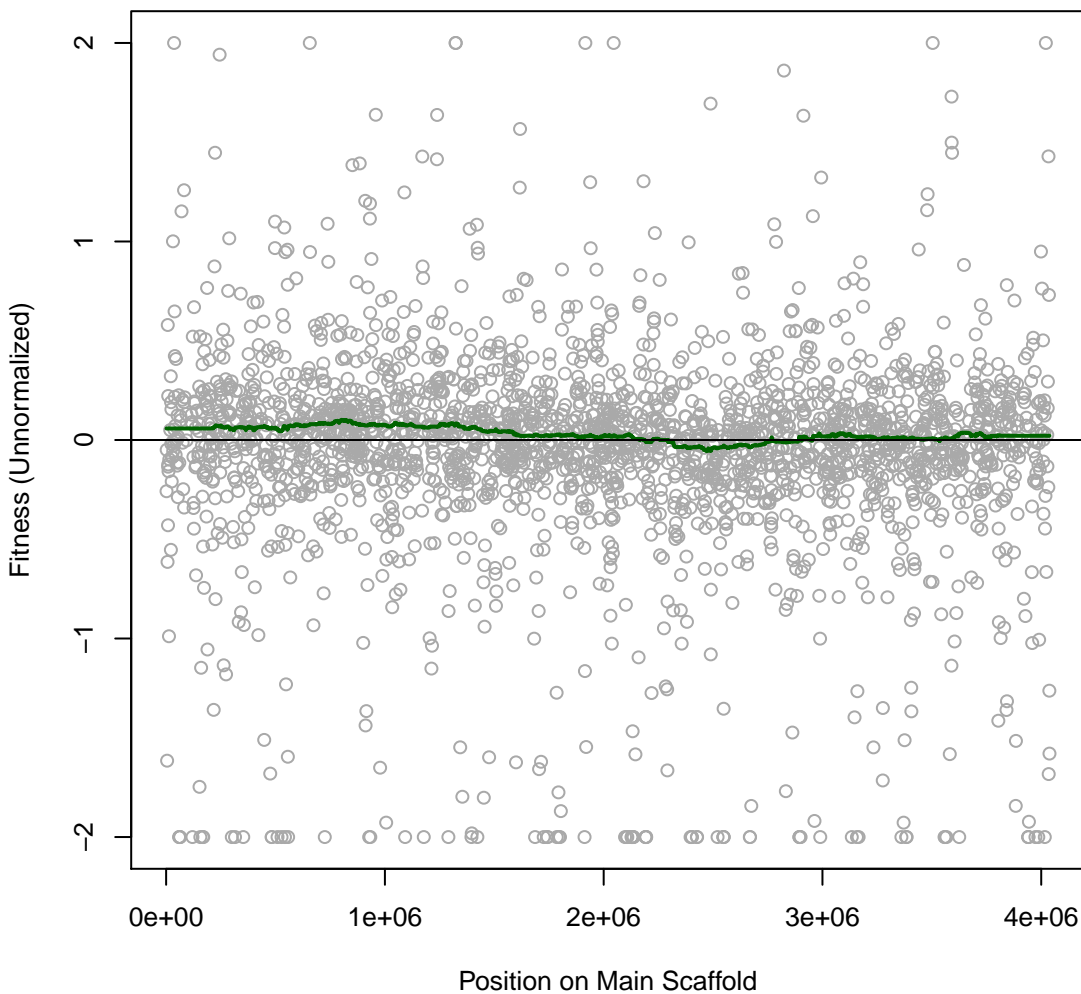
**Glucuronamide (N)**



**Miya 7IT070 #242 (gMed=524 rho12=0.334)**  
**Ammonium chloride (N)**

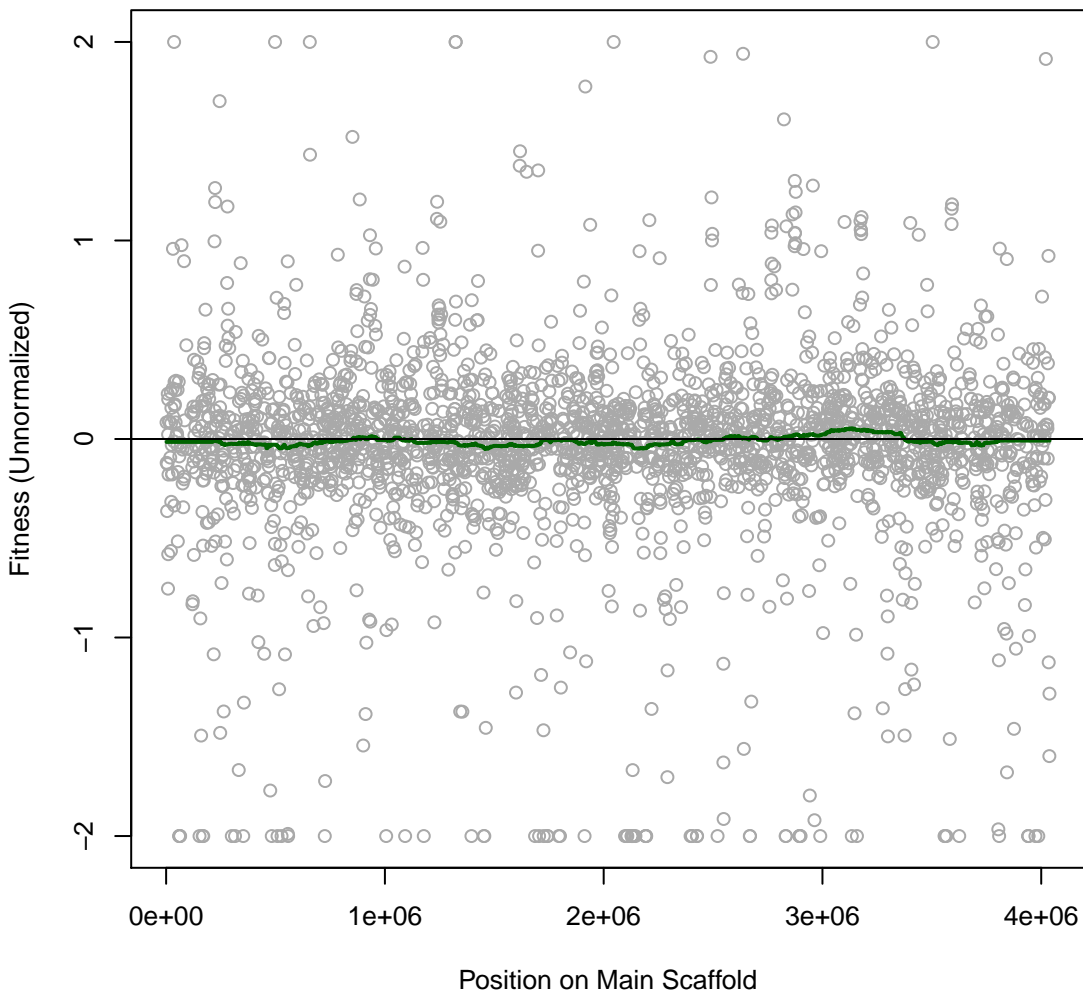


**Miya 7IT073 #245 (gMed=322 rho12=0.402)**  
**MoLS4 with Chlorite 6.25 mM**



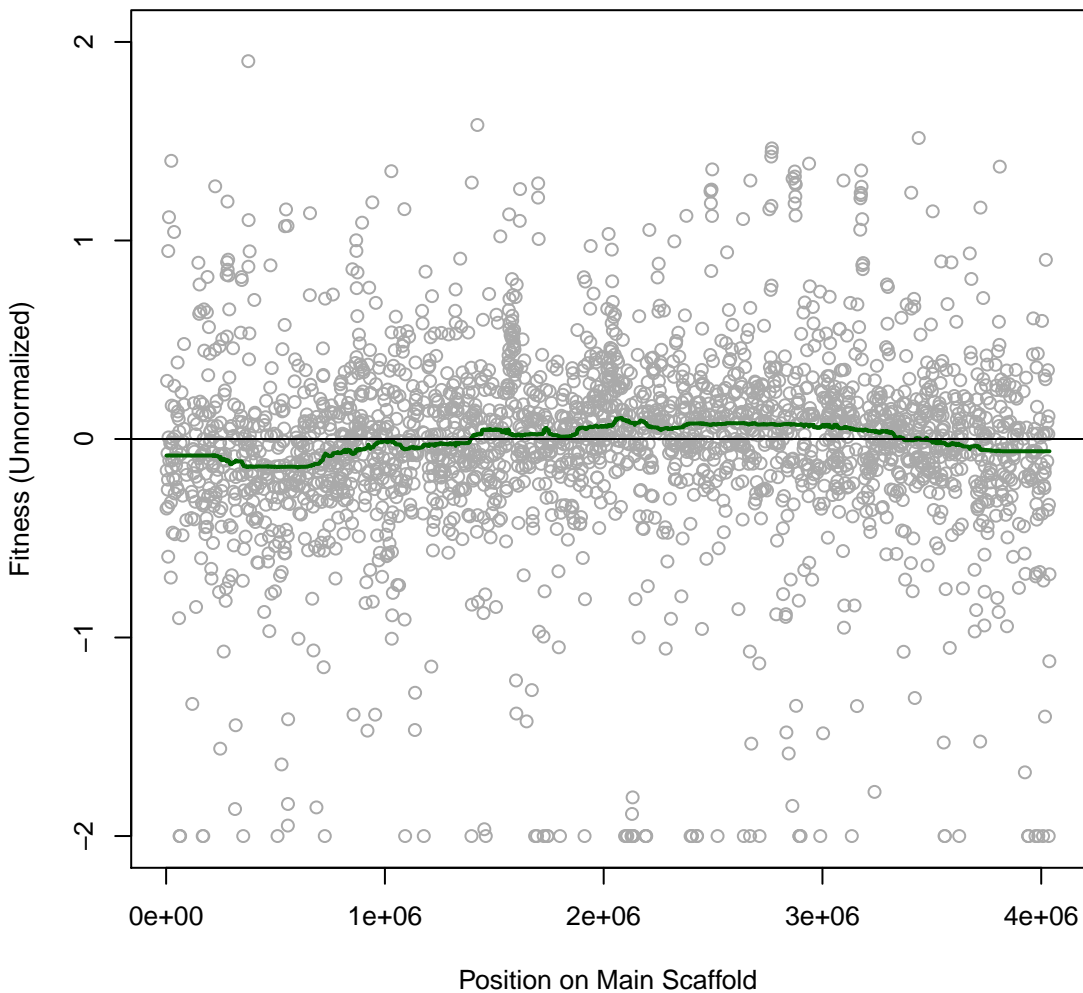
**Miya 7IT074 #246 (gMed=293 rho12=0.330)**

**MoLS4 with Chlorite 3.125 mM**

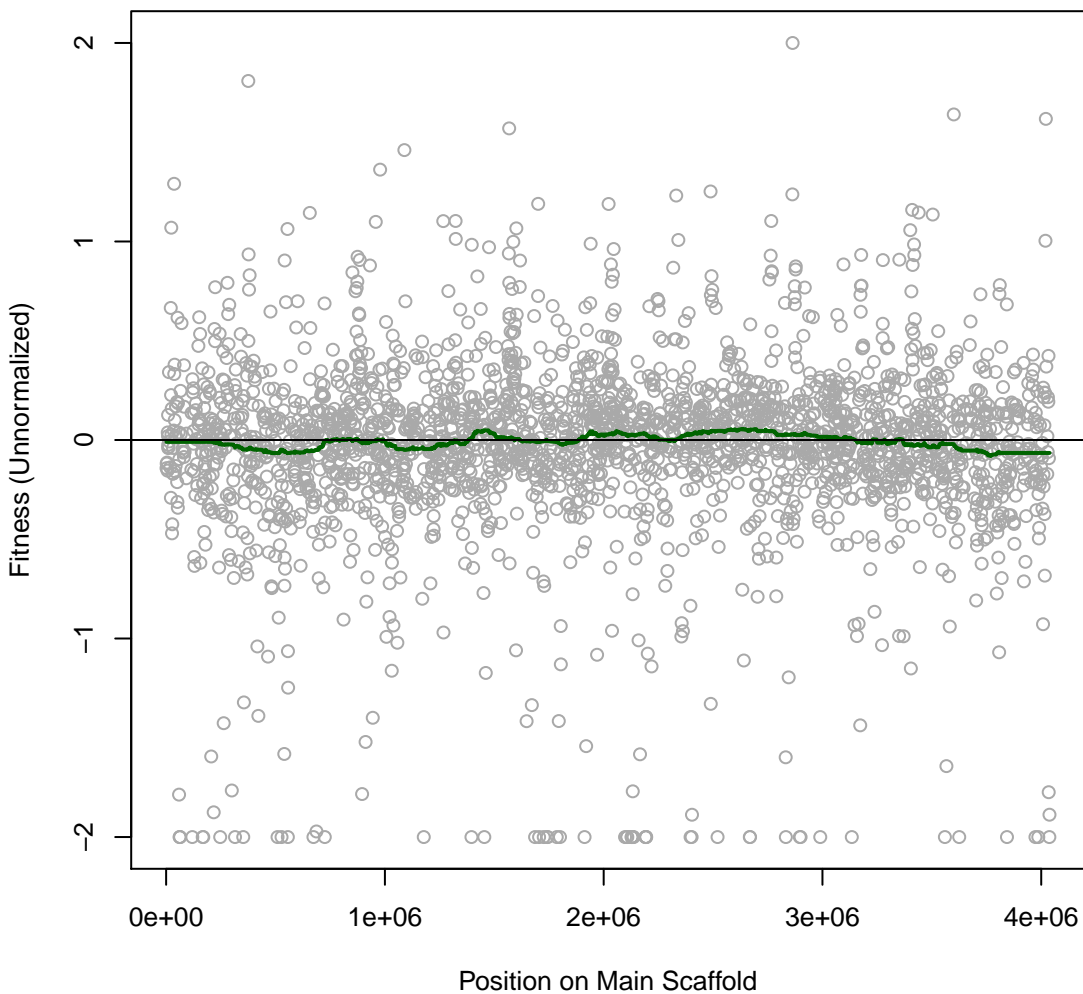


**Miya 8IT013 #247 (gMed=192 rho12=0.346)**

**MoLS4 minimal media with D,L-Cysteine**

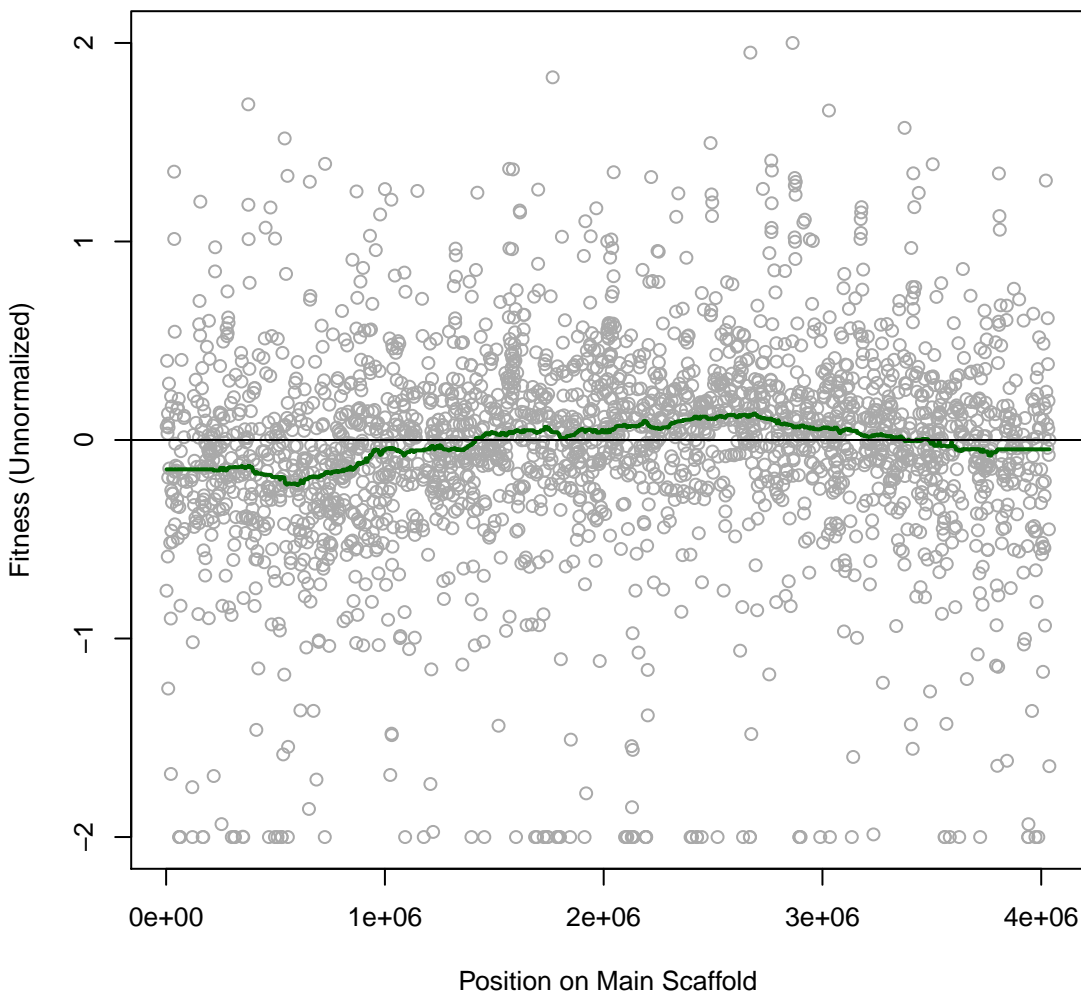


**Miya 8IT014 #248 (gMed=222 rho12=0.254)**  
**MoLS4 minimal media with L-Histidine**



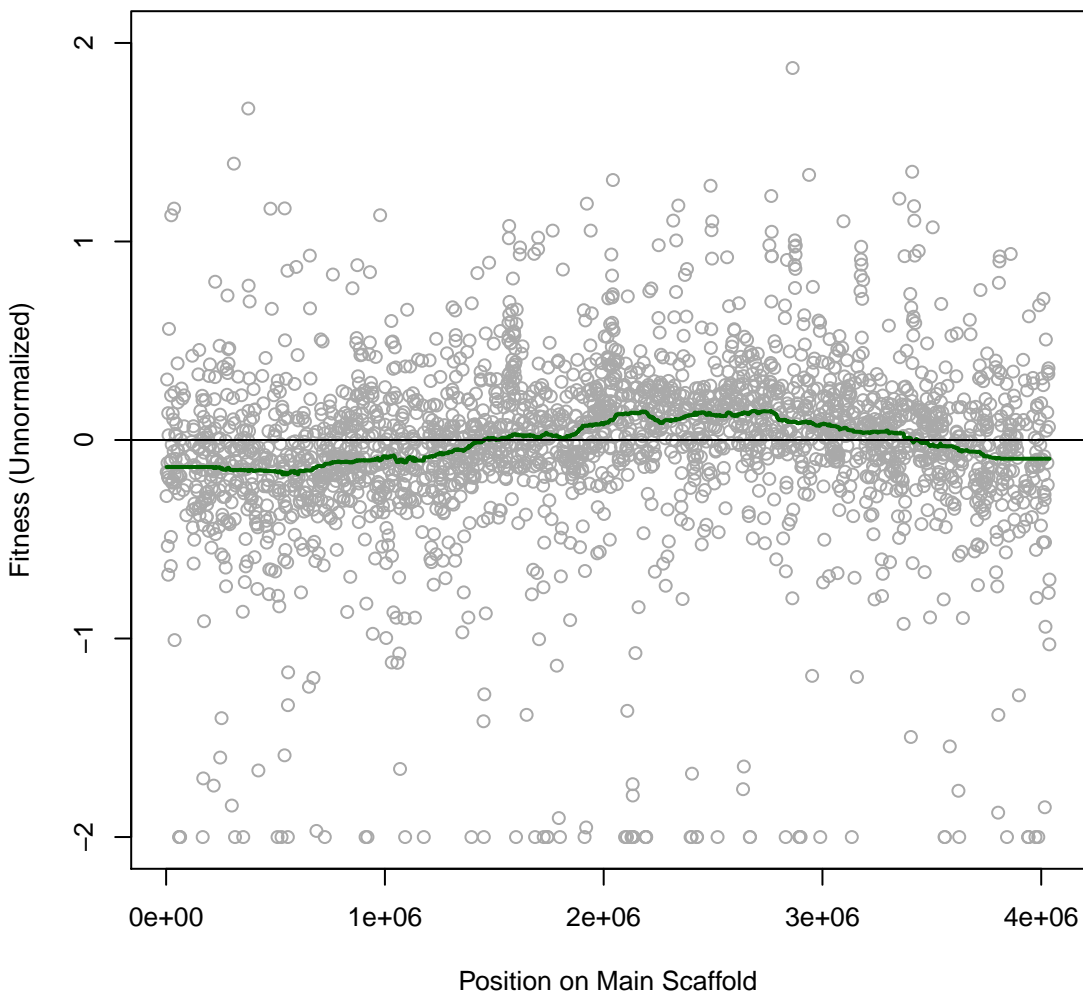
**Miya 8IT015 #249 (gMed=186 rho12=0.264)**

**MoLS4 minimal media**



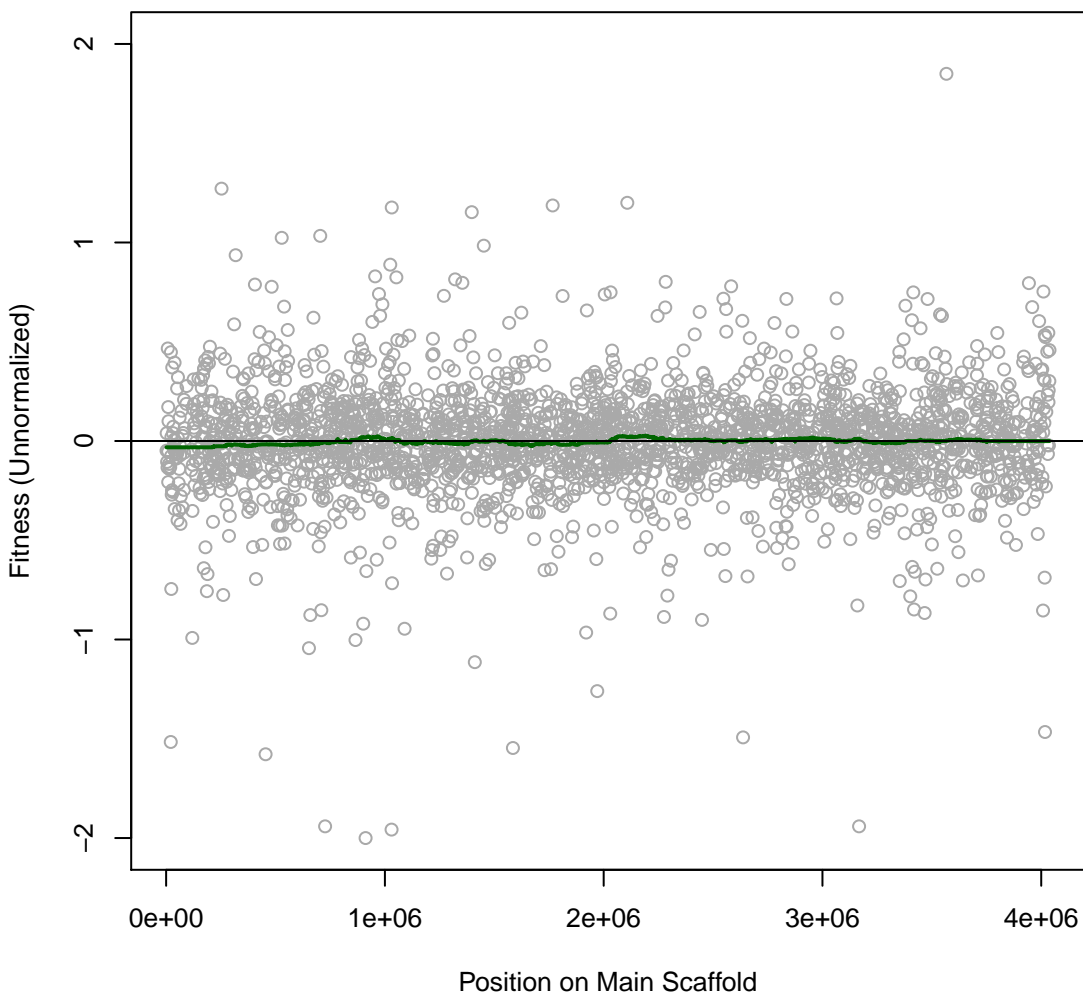
**Miya 8IT016 #250 (gMed=216 rho12=0.271)**

**MoLS4 minimal media with L-Serine**

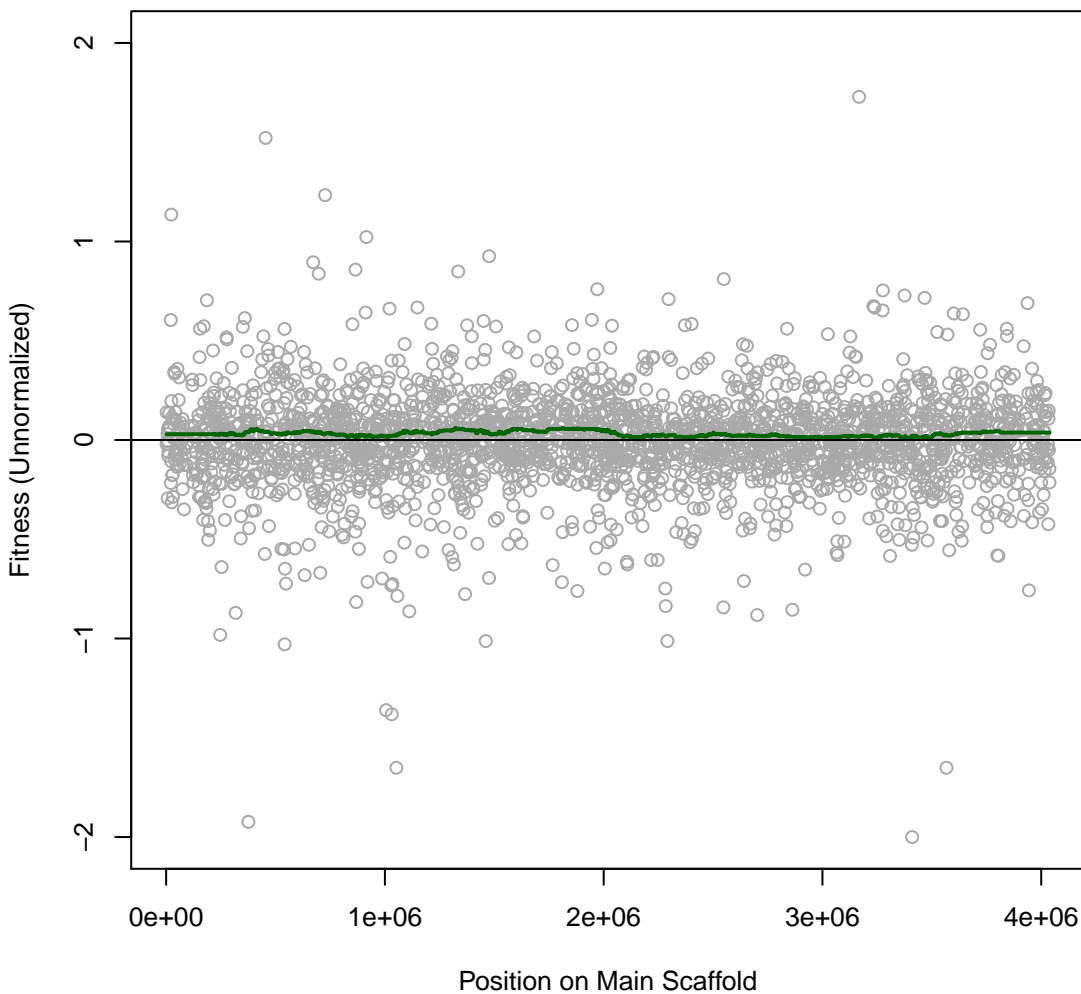




**Miya 8IT017 #251 (gMed=236 rho12=0.063)**  
**Time0**

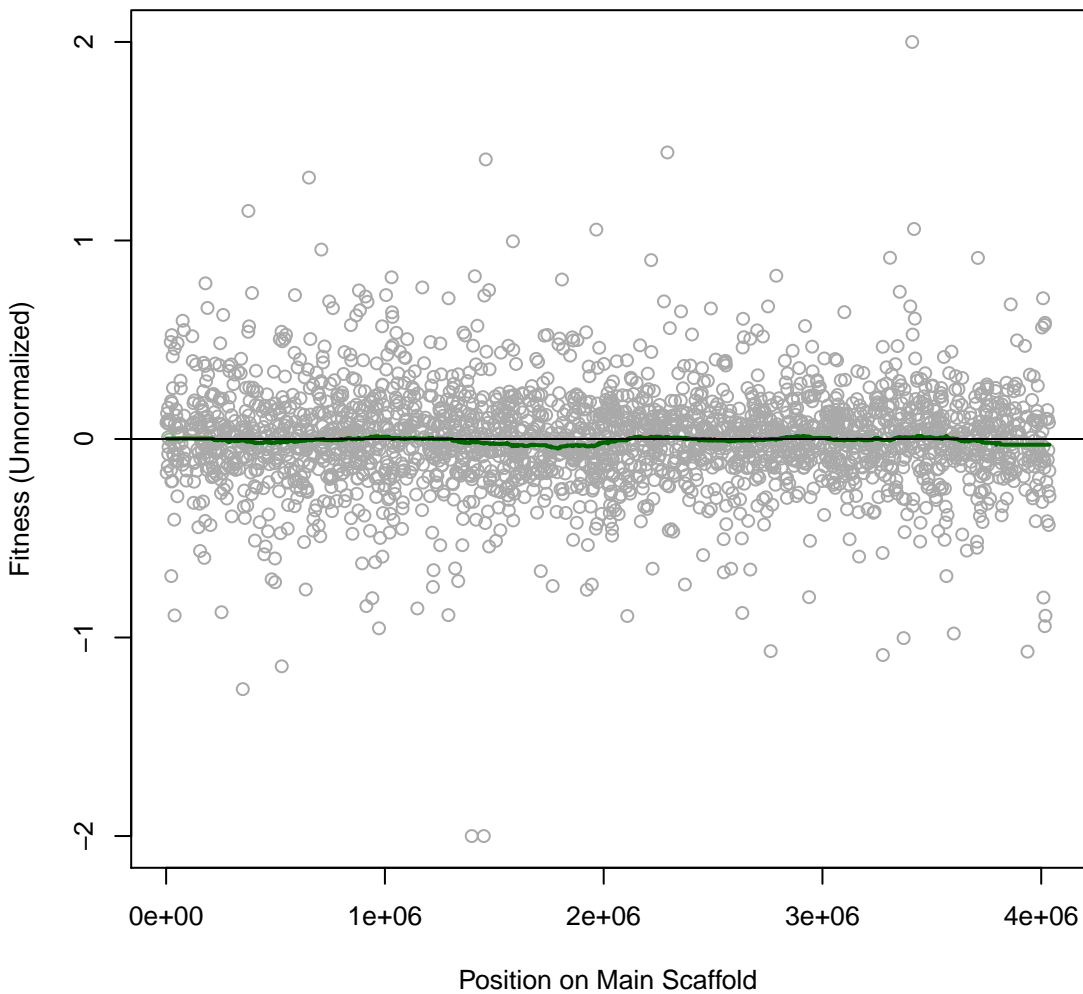


**Miya 8IT018 #252 (gMed=285 rho12=0.017)**  
**Time0**



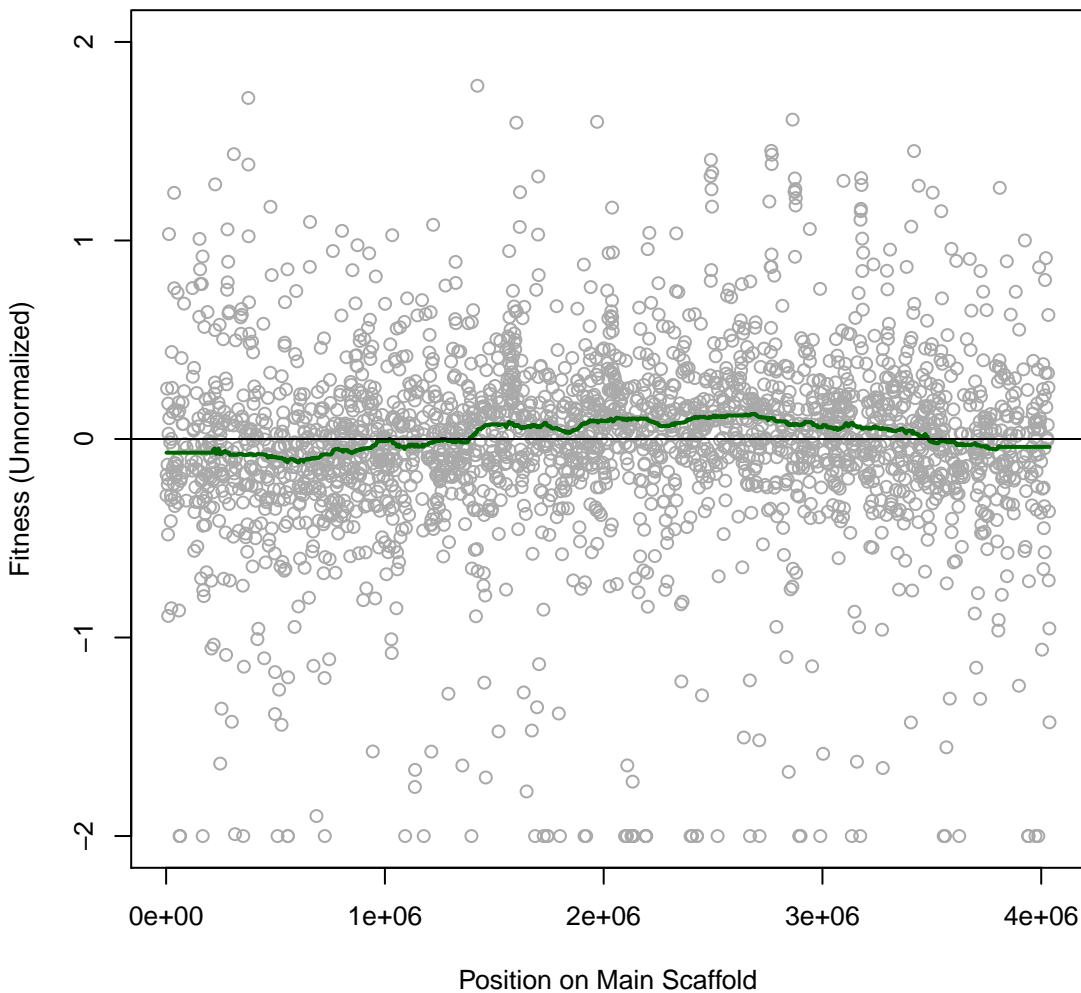
Miya 8IT019 #253 (gMed=229 rho12=-0.005)

Time0



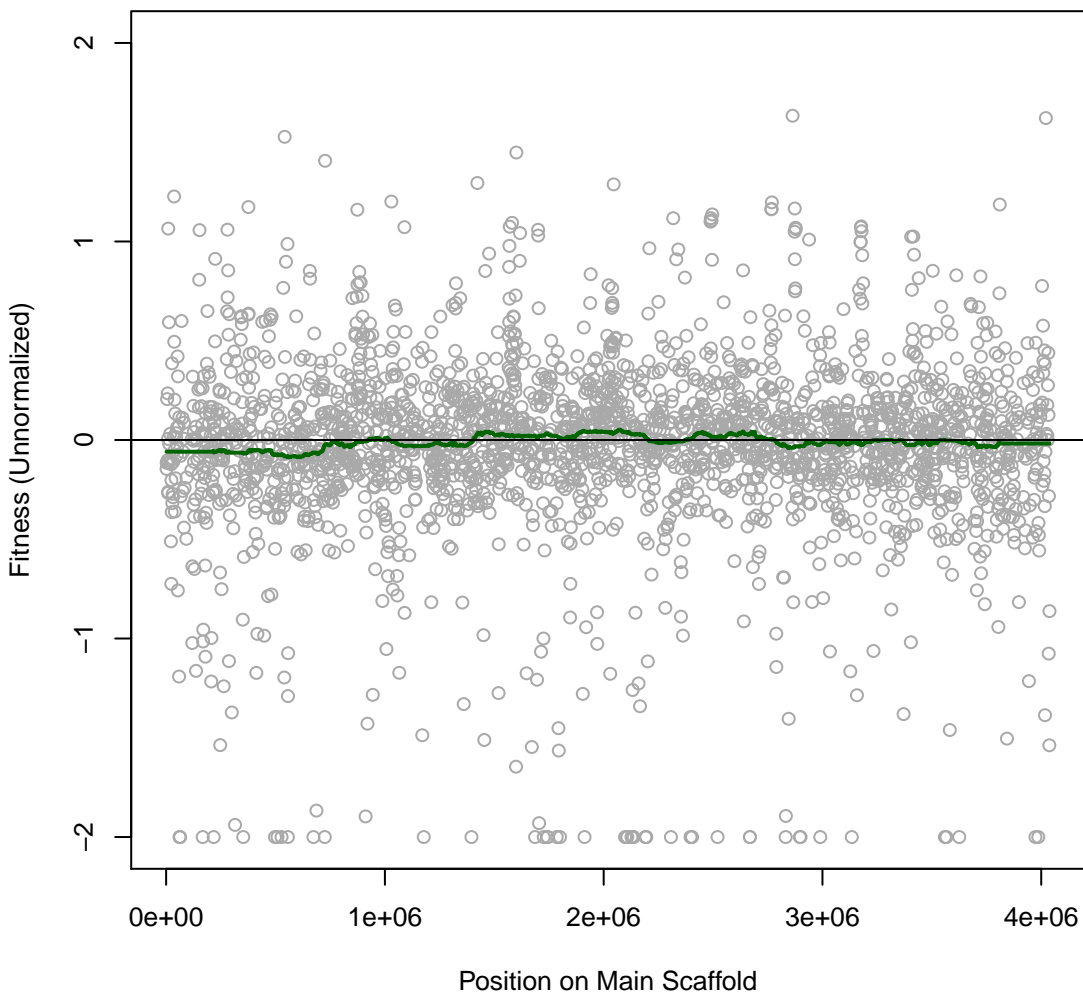
**Miya 8IT020 #254 (gMed=211 rho12=0.360)**

**MoLS4 minimal media with D,L-Cysteine**



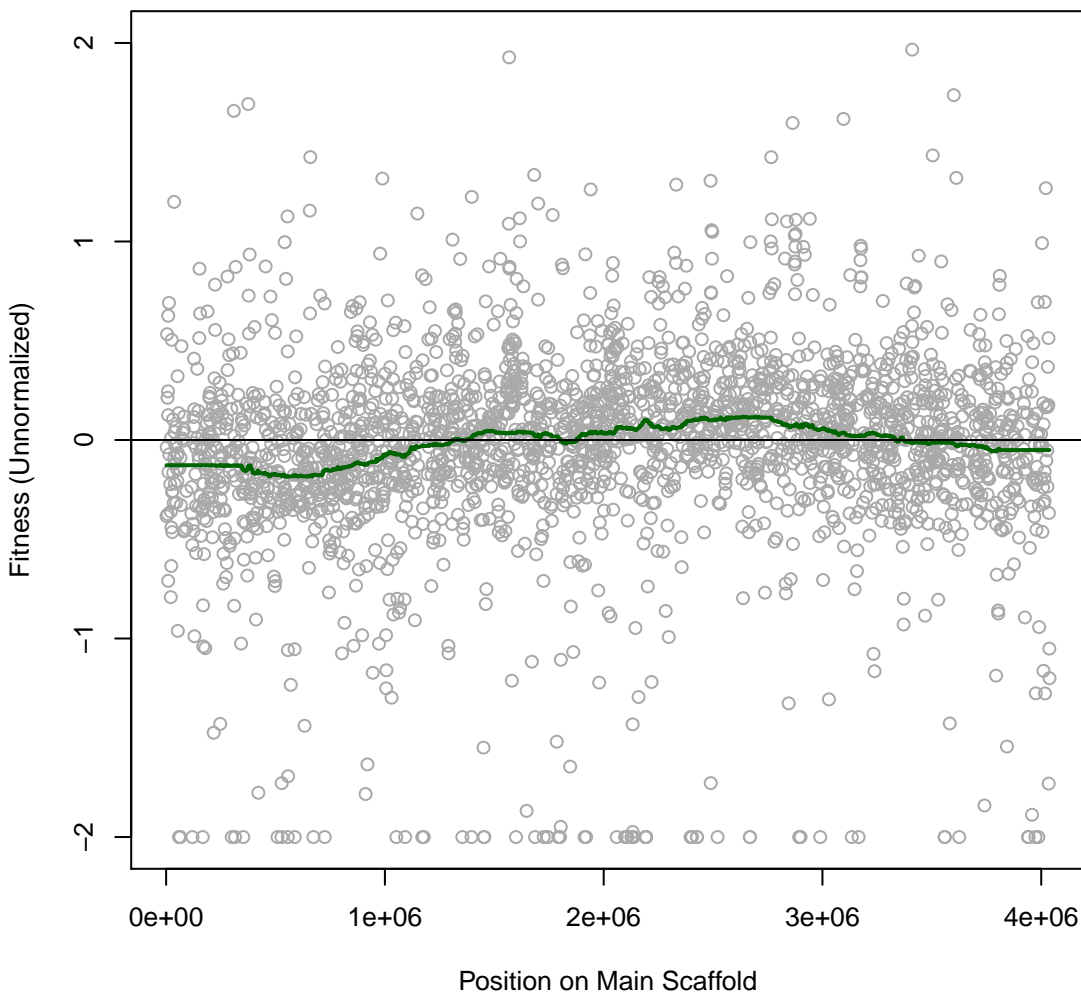
**Miya 8IT021 #255 (gMed=186 rho12=0.299)**

**MoLS4 minimal media with D,L-Histidine**



**Miya 8IT022 #256 (gMed=172 rho12=0.280)**

**MoLS4 minimal media**



**Miya 8IT023 #257 (gMed=215 rho12=0.351)**

**MoLS4 minimal media with L-Serine**

